Ersatzteileliste für Artikel : 59404R63

SPARE PART LIST

Änderungen und Liefermöglichkeiten vorbehalten !

ACONDA 9581-ZW ST-METALLIC

LOEWE.

POSNR. / ITEMNMB	KURZTEXT / DESCRIPTION	BESTELLNR. / LIST-PART-NMB	ENTF-DAT. / LAST-DATE
	BAUGRUPPEN	**UNITS**	
830	LPL.FREQUENZWEICHE KPL.	PRINT.CIRCUIT BOARD 396-85729063	
U 0001	DYN.FOCUSBLOCK (FOCUS/UG2)	SCAFFOLDING ACCESS. 291-26627	28.06.2000
U 0001	DYN.FOCUSBLOCK (FOCUS/UG2) LV291-28956	SCAFFOLDING ACCESS. 291-28956	
U 0004	ROTATION-PANEL Q23/24	PRINT.CIRCUIT BOARD 396-87281051	
U 1100	TUNER-ZF MAS MULTIST.M.ANT.SPLITT	TUNER 260-87345050T	
U 1101	TUNER-ZF MP	TUNER 260-87817050T	
U 2400	BAS-B. KPL. Q2400 TU-MAS,MP/32" MIT PFC	PRINT.CIRCUIT BOARD 396-87715154	
U 2401	SIG-B. KPL. Q2400 M.NIC/M.PIP/AC3	PRINT.CIRCUIT BOARD 396-87716054T	
U 3371	BILDROHRPL./SVM KPL. Q2400/Q4140	PRINT.CIRCUIT BOARD 396-87832052	
U 8211	MODUL-BEDIENUNG ACONDA Q2400 KPL.	PRINT.CIRCUIT BOARD 396-87819050	
	DRUCKSACHEN	**OPERATING INSTRUCTIONS**	
N 0000	SERV.KURZANLEITUNG Q2400	SERVICE MANUAL 230-28601	
N 0001	BAN -D-I-F-NL-GB-E-LOEWE. DOLBY DIGITAL	OPERATING INSTRUCT. 233-28631	
N 0001	BAN D-I ACONDA/VITROS/XELOS Q2400	OPERATING INSTRUCT. 233-29003	10.08.2001
N 0001	BAN NL-F ACONDA/VITROS/XELOS Q2400	OPERATING INSTRUCT. 233-29003010	10.08.2001
N 0001	BAN GB-E ACONDA/VITROS/XELOS Q2400	OPERATING INSTRUCT. 233-29003020	10.08.2001
N0001	BAN D-I ACO/VIT/XEL/CANTUS Q2400	OPERATING INSTRUCT. 233-29003002	
N0001	BAN NL-F ACO/VIT/XEL/CANTUS Q2400	OPERATING INSTRUCT. 233-29003012	
N0001	BAN GB-E ACO/VIT/XEL/CANTUS Q2400	OPERATING INSTRUCT. 233-29003022	
	GERÄTEBEIPACK	**SET SUPPLEMENT**	
A 0640	MIKROZELLE 1,5V ALKALI-MANGAN	ACCUMULATOR 280-13411	
N 402	SUBWOOFER ADAPTER	SOCKET 323-86788	
U 9111	IR-FERNBEDIENUNG CONTROL 150 TV ARKTIS	TRANSMITTER 263-87000060	
	VERPACKUNGSMATERIAL	**PACKING MATERIAL**	
102	SCHUTZSTREIFEN 1600 X 1250 MM	PROTECTIVE PACKING 253-84666022	
600	FALTSCHACHTEL	PACKING CASE 245-87749002	
610	PACKSCHALEN-SATZ 32" ACONDA	CUSHION-SET 252-87742050	
630	SCHUTZFOLIE 3187C	PLASTICBAND 190-29163	
J 0501	KLARSICHTBEUTEL 240X320 BEDRUCKT	PROTECTIVE PACKING 253-16668	
J 0701	SCHUTZSTREIFEN 350 X 190 MM(IR-G.)	PROTECTIVE PACKING 253-84666004	
	VERBINDUNGSLEITUNG	**CONNECTING CABLES**	
50	ANTENNENKABEL 240MM MIT WINKELSTECKER	CONNECTING CABLE 169-27470001	
N8102	NETZKABEL SCHWARZ 3400LG. 2X0,5MH +	POWER CORD 170-25132003	
	KNÖPFE	**BUTTONS**	
320	TASTENSET FUER SERVICEFUNKTIONEN SCHWARZ	BUTTON 682-87685121	
350	KNOPF/NETZSCHALTER SCHWARZ	BUTTON 682-86697002	
	GEHÄUSETEILE	**CABINET MOUNTING**	
101	SCHRAUBE K4,0X14,0 TORX SW-VZKT LV440-1	SCREW 440-27723	
103	FUEHRUNGSSCHIENE	GUIDE 553-87855001	
105	GEHAEUSEFUSS FARBLOS	FOOT 783-82251105	
106	STUETZE	SUPPORT 551-87854001	
113	SCHRAUBE K4,0X14,0 TORX SW-VZKT LV440-1	SCREW 440-27723	
114	FILZSTREIFEN 0,5X5X340MM	FELT STRIP 414-28825	
115	KLEBESTREIFEN F.RUECKWAND	FOAM PLASTICS LEDGE 411-20926	
200	DISTANZSTUECK	CLUTCH PIECE 503-24754	
201	EJOT-PT-SCHRAUBE 10,0X45 K100X45	SCREW 440-19149	

POSNR. ITEMNMB	KURZTEXT DESCRIPTION		BESTELLNR. LIST-PART-NMB	ENTF-DAT. LAST-DATE
230	HALTER/ENTMAG.	HOLDER	602-87243001	
301	EJOT-PT-SCHRAUBE KL11,5X40	SCREW	440-29047	
311	MAGNET D 8X4	MAGNET	303-28596	
330	OELSILIKONDAEMPFER LV616-28668	GEAR WHEEL	616-28668	
331	SCHRAUBE EJOT-PT 3,0X8 KB30X8	SCREW	440-23640	
710	32Z W76ERF041X044	PICTURE TUBE	345-28611	
741	HALTER	HOLDER	602-85997101	
742	RING	CLUTCH PIECE	503-85996101	
G 100	GEHAEUSE STRATOS-METALLIC	CABINET	750-87747108	
G 110	RUECKWAND STRATOS-METALLIC	BACKCOVER	775-87748104	
G 111	ZWISCHENSTUECK SCHWARZ	COVER	568-85727102	
G 310	KLAPPE KPL. STRATOS-METALLIC	COVER PLATE	706-87745106	
G 311	SCHARNIER FUER KLAPPE	HINGE	573-87744101	
G 350	ZIERGITTER STRATOS-METALLIC	SPEAKER GRILLE	708-87746112	
H1996	ABDECKUNG SCART Q2400	MASK	703-87728121	
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
800	LAUTSPR. Z= 4 OHM 20W TT	LOUDSPEAKER	272-87846	
810	LAUTSPR. 4 OHM 20W HT	LOUDSPEAKER	272-86411	
L 202	DR. 47U K SMCC FASTRON	CHOKE	298-16925	
L 203	DR. 4330 030 38100 VAL	CHOKE	298-14399	
L 366	DR. 4U7 K Ø4X7 0,75A LV010	CHOKE	298-14991	
L 534	DR-RA 150U K 10X15 R5 LV298-79726	CHOKE	298-79726020	
L 538	LIN-REGLER	DEFLECTION UNIT	278-26787	
L 543	FE-DR 0U7 6X 5	CHOKE	298-27471Y03	
L 618	DR. 1MH E30/12	CHOKE	298-28641	05.11.1999
L 619	DR. 820U E25/11	CHOKE	298-28785	
L3226	DR. 2X 33U DK31 (931 112/13)	CHOKE	298-24612	
L3366	DR. 4U7 K Ø4X7 0,75A LV010	CHOKE	298-14991	
L6001	ENTMAGN.SPULE 32" 16:9/ 33" 4:3	COIL	297-87882001	
L6002	SPULE ROTATION LV297-26753	COIL	297-26753	
L8101	RELAY 9V 350R 10A 1-POL H<26MM LV+	RELAY	387-25050	
T 528	SPULE TREIBERSPULE VOGT 527.01.035.00	COIL	297-23664	
T 531	ZEILENTRAFO 32" Q24/25 LV276-28670	LINE TRANSFORMER	276-28670	
T 540	TRAFO AT 4043/67A	POWER TRANSFORMER	490-21351	
T 612	DR. 2X 18M5 575 03 055 00 VOGT	CHOKE	298-17684	
T 639	W-TRAFO Q2400 (146V)	POWER TRANSFORMER	490-28636	
T8101	TRAFO NETZ	POWER TRANSFORMER	490-22142001	
	ALLGEM.MECHAN.TEILE	**COMMON MECHANICAL PARTS**		
20	AUFSTECKKUEHLKOERPER	SCREENING	509-27369	
61	MONTAGECLIP BILDR.PL. IC`S	SPRING	739-23415	
305	CLAMPER	CABLE BINDING	530-21237	
306	KABELHALTER AUF KUEHLBLECH NF	CABLE BINDING	530-20935	
H 474	584 MONTAGECLIP	SPRING	739-87529001	
H 475	CLAMPER	CABLE BINDING	530-20809	
H 484	584 MONTAGECLIP	SPRING	739-87529001	
H 534	584 MONTAGECLIP	SPRING	739-87529001	
H 539	584 MONTAGECLIP	SPRING	739-87529001	
H 560	584 MONTAGECLIP	SPRING	739-87529001	
H 561	584 MONTAGECLIP	SPRING	739-87529001	
H 562	GLIMMERSCHEIBE 16X21	INSULATING PIECE	421-10881	
H 586	584 MONTAGECLIP	SPRING	739-87529001	
H 587	GLIMMERSCHEIBE 16X21	INSULATING PIECE	421-10881	
H 611	SICHERUNGSHALTER FUER SI 5X20 LV020	FUSEHOLDER SPRING	730-20061	
H 623	584 MONTAGECLIP	SPRING	739-87529001	

H 624	584 MONTAGECLIP	SPRING	739-87529001	
H 625	GLIMMERSCHEIBE 16X21	INSULATING PIECE	421-10881	
H 652	584 MONTAGECLIP	SPRING	739-87529001	
H 661	ABSTANDSHALTER TYP 410.06.15	BOLT	579-26173	
H 662	SCHRAUBE K3,0X12,0MM WN1451 TORX	SCREW	438-21904	
H 663	584 MONTAGECLIP	SPRING	739-87529001	
H 671	584 MONTAGECLIP	SPRING	739-87529001	
H 674	584 MONTAGECLIP	SPRING	739-87529001	
H1891	IC-FASSUNG 8-POL.	SOCKET	320-80503	
H8006	684 HALTER/DIODE VORM.	HOLDER	602-84535052	
	INTEGR.SCHALTUNGEN	**INTEGRATED CIRCUITS**		
10	IC L 7808 ACV	INTEGRATED CIRCUIT	349-21780Y20	
10	IC L 78 S 09 CV	INTEGRATED CIRCUIT	349-24013Y22	
10	ICMOS M27C160-120 FDIP42W	INTEGRATED CIRCUIT	349-28402	
I 01	IC LM 2902-M	INTEGRATED CIRCUIT	350-19705	
I 0001	IC LM 2902-M	INTEGRATED CIRCUIT	350-19705	
I 0101	ICMOS PCA84C122AT-216	INTEGRATED CIRCUIT	350-27026	
I 0101	ICMOS PCA84C122AT-231	INTEGRATED CIRCUIT	350-27787	
I 371	IC TDA6111	INTEGRATED CIRCUIT	349-23123	
I 381	IC TDA6111	INTEGRATED CIRCUIT	349-23123	
I 391	IC TDA6111	INTEGRATED CIRCUIT	349-23123	
I 474	IC TDA 7296	INTEGRATED CIRCUIT	349-28414	
I 484	IC TDA 7296	INTEGRATED CIRCUIT	349-28414	
I 561	IC TDA8177	INTEGRATED CIRCUIT	349-26528	
I 569	IC TL 431ACLP	INTEGRATED CIRCUIT	349-19817020	
I 611	IC TDA4605-3/TDA4605	INTEGRATED CIRCUIT	349-22113	
I 663	IC L 7808ACV VORMONTIERT	INTEGRATED CIRCUIT	349-21780050	
I 669	OPTO-KOPPLER DIP4 80V 50/80MA	COUPLER	353-28638	
I 670	IC TL 431ACLP	INTEGRATED CIRCUIT	349-19817020	
I 674	IC TL 431ACLP	INTEGRATED CIRCUIT	349-19817020	
I 676	IC TL 431ACLP	INTEGRATED CIRCUIT	349-19817020	
I 691	IC L 78S09CV VORMONTIERT	INTEGRATED CIRCUIT	349-24013050	
I1011	IC TEA6422D SO28	INTEGRATED CIRCUIT	350-25732	
I1091	ICMOS HEF4053D SO16	INTEGRATED CIRCUIT	350-24881	
I1116	IC TEA6415 SO20L	INTEGRATED CIRCUIT	350-25733	
I1181	IC TEA6415 SO20L	INTEGRATED CIRCUIT	350-25733	
I1321	ICMOS MSP3410D PLCC68	INTEGRATED CIRCUIT	350-27265	
I1341	IC MC 78L08ACP TO92 LV020	INTEGRATED CIRCUIT	349-24725020	
I1466	ICMOS VPC3230D MQFP80 LV030	INTEGRATED CIRCUIT	350-28398	
I1491	ICMOS MSM54V12222A-23TS-K TSOP 44 LV030	INTEGRATED CIRCUIT	350-28571	
I1492	ICMOS MSM54V12222A-23TS-K TSOP 44 LV030	INTEGRATED CIRCUIT	350-28571	
I1493	ICMOS SAA4955HL LQFP44 LV030	INTEGRATED CIRCUIT	350-28823	
I1494	ICMOS SAA4955HL LQFP44 LV030	INTEGRATED CIRCUIT	350-28823	
I1496	ICMOS MSM54V12222A-23TS-K TSOP 44 LV030	INTEGRATED CIRCUIT	350-28571	19.05.2000
I1498	ICMOS SAA4955HL LQFP44 LV030	INTEGRATED CIRCUIT	350-28823	
I1501	ICMOS SAA4992 QFP160 LV030	INTEGRATED CIRCUIT	350-28572	
I1531	ICMOS SAA4977/105 QFP80 LV030	INTEGRATED CIRCUIT	350-28568	
I1541	IC 3.3V 0,8A SO08 VOLT.REGULAT. LV030	INTEGRATED CIRCUIT	350-27212	
I1556	IC-VR 5V00 J 0A10 TO92 78L05 LV020	INTEGRATED CIRCUIT	349-15209020	
I1558	ICMOS 74LV00 D SO14 LV030	INTEGRATED CIRCUIT	350-28730	
I1561	ICMOS 74LV00 D SO14 LV030	INTEGRATED CIRCUIT	350-28730	
I1571	ICMOS HCT4046 SO16	INTEGRATED CIRCUIT	350-24220	
I1641	IC TDA4780-V4	INTEGRATED CIRCUIT	349-27676	
I1691	IC SDA9361-2 P-MQFP44 LV030	INTEGRATED CIRCUIT	350-28761	
I1801	ICMOS SABC161RI-LF TQFP1	INTEGRATED CIRCUIT	350-27354	

I1841	ICMOS 4,50V 20MA SO08 RESET-IC LV030	INTEGRATED CIRCUIT	350-28570	22.05.2000
I1841	ICMOS 4,33V 20MA SO08 RESET-IC LV030	INTEGRATED CIRCUIT	350-28905	
I1847	ICMOS 4,50V 20MA SO08 RESET-IC LV030	INTEGRATED CIRCUIT	350-28570	22.05.2000
I1847	ICMOS 4,33V 20MA SO08 RESET-IC LV030	INTEGRATED CIRCUIT	350-28905	
I1851	ICMOS M27C160-120 Q2400 V0.0	INTEGRATED CIRCUIT	349-28402050	08.11.1999
I1851	ICMOS M27C160-120 Q2400 V1.1	INTEGRATED CIRCUIT	349-28402405	18.01.2000
I1851	ICMOS M27C160-120 Q2400 V2.1	INTEGRATED CIRCUIT	349-28402415	29.03.2000
I1851	ICMOS M27C160-120 Q2400 V3.1	INTEGRATED CIRCUIT	349-28402420	04.06.2000
I1851	ICMOS M27C160-120 Q2400 V3.2	INTEGRATED CIRCUIT	349-28402427	12.11.2000
I1851	ICMOS M27C160-120 Q2400 V4.1	INTEGRATED CIRCUIT	349-28402450	19.02.2001
I1851	ICMOS M27C160-120 Q2400 V4.4	INTEGRATED CIRCUIT	349-28402464	
I1851	ICMOS M27C160-120 Q2400 V5.1	INTEGRATED CIRCUIT	349-28402470	
I1854	ICMOS W24257# SOP20 55N S-RAM LV030	INTEGRATED CIRCUIT	350-28569	
I1890	ICMOS HEF4052BT SO16	INTEGRATED CIRCUIT	350-27215	
I1891	ICMOS 24C64 Q2400 PROGR. F951	INTEGRATED CIRCUIT	349-90574951	
I1901	ICMOS VPC3233 QFP80 LV030	INTEGRATED CIRCUIT	350-28573	
I1923	ICMOS MSM54V12222A-23TS-K TSOP 44 LV030	INTEGRATED CIRCUIT	350-28571	19.05.2000
I1924	ICMOS SAA4955HL LQFP44 LV030	INTEGRATED CIRCUIT	350-28823	
I1941	IC SDA5275-3 PLCC68 LV030	INTEGRATED CIRCUIT	350-28399	
I1971	ICMOS DRAM 4MX4 60NS EDO/FPM TSOPII 4KSR	INTEGRATED CIRCUIT	350-28397	
I1981	ICMOS 74HCT 74 SO14	INTEGRATED CIRCUIT	350-15438	
I1983	ICMOS 74HCT03 D SO14 LV030	INTEGRATED CIRCUIT	350-28575	
I3371	IC TDA6111	INTEGRATED CIRCUIT	349-23123	
I3381	IC TDA6111	INTEGRATED CIRCUIT	349-23123	
I3391	IC TDA6111	INTEGRATED CIRCUIT	349-23123	
I4500	IC TDA5637 SOT340	INTEGRATED CIRCUIT	350-27278	
I4500	IC TDA5637 SOT340	INTEGRATED CIRCUIT	350-27278	
I4600	IC TSA5523M SOT266	INTEGRATED CIRCUIT	350-27275	
I4600	IC TSA5523M SOT266	INTEGRATED CIRCUIT	350-27275	
I4800	IC TDA9818 SDIP24	INTEGRATED CIRCUIT	349-27276	
I4800	IC TDA9818 SDIP24	INTEGRATED CIRCUIT	349-27276	
I4800	IC TDA9818 TS-SSOP24	INTEGRATED CIRCUIT	350-28463	
I8016	IR-EMPFAENGER (2-FARBSTREIFEN)	COUPLER	353-27396Y20	
I8101	IC-VR 5V00 J 0A10 TO92 78L05 LV020	INTEGRATED CIRCUIT	349-15209020	
	BUCHSEN/FASSUNGEN	**SOCKETS**		
11	KURZSCHLUSS-STECKER RM2,5	PLUG	321-16821	
20	BILDROHRFASSUNG	SOCKET	320-23997	
H1851	IC-FASSUNG 42-POL. DIL	SOCKET	320-28410	
H1856	IC-FASSUNG 8-POL.	SOCKET	320-80503	
W1024	CHINCH-BUCHSE WS	SOCKET	323-20959	29.09.2000
W1024	CINCHBUCHSE 2-FACH VERTIKAL ROT/WEISS	SOCKET	323-28893	
W1029	CHINCH-BUCHSE RT	SOCKET	323-20957	29.09.2000
W1031	SCARTBUCHSE	SOCKET	323-19542	
W1141	SCARTBUCHSE	SOCKET	323-19542	
W1146	KOPFHOER.BUCHSE STEREO	SOCKET	323-27782	
W1193	BUCHSE VERTICAL MINI DIN 8-POLIG	SOCKET	323-28368	
W1251	SCARTBUCHSE	SOCKET	323-19542	
W8351	KOMBIBUCHSE	SOCKET	323-28586	
	TRANSISTOREN	**TRANSISTORS**		
10	TRANS SILPOW TO220FP PNP 80V 3A 24W	TRANSISTOR	346-28633	
Q 26	TRANS BC547B TO92 LV020	TRANSISTOR	346-74983020	
Q 28	TRANS BC557B	TRANSISTOR	346-74878020	
Q 47	TRANS BC547B TO92 LV020	TRANSISTOR	346-74983020	
Q 48	TRANS BC557B	TRANSISTOR	346-74878020	

POSNR. ITEMNMB	KURZTEXT DESCRIPTION		BESTELLNR. LIST-PART-NMB	ENTF-DAT. LAST-DATE
Q 0026	TRANS BC547B TO92 LV020	TRANSISTOR	346-74983020	
Q 0028	TRANS BC557B	TRANSISTOR	346-74878020	
Q 0047	TRANS BC547B TO92 LV020	TRANSISTOR	346-74983020	
Q 0048	TRANS BC557B	TRANSISTOR	346-74878020	
Q 221	TRANS BC640	TRANSISTOR	346-25720020	
Q 222	TRANS BC639	TRANSISTOR	346-75622020	
Q 526	TRANS SILPLAN TO92 NPN 100V 2A 1W LV020	TRANSISTOR	346-20796020	
Q 531	TRANS ZTX712 E-LINE	TRANSISTOR	346-27659020	
Q 532	TRANS ZTX614 E-LINE	TRANSISTOR	346-27660020	
Q 533	TRANS BF422 TO92	TRANSISTOR	346-11562020	
Q 534	TRANS POWBIPO ISOW218 VORMONTIERT	TRANSISTOR	346-25708Y20	
Q 562	TRANS POWMOS TO220FP NCH 50V 10A 30W +	TRANSISTOR	346-18528	
Q 582	TRANS BC556B	TRANSISTOR	346-74967020	
Q 585	TRANS BC547B TO92 LV020	TRANSISTOR	346-74983020	
Q 586	TRANS BD537 TO220A	TRANSISTOR	346-77764	
Q 589	TRANS BC557B	TRANSISTOR	346-74878020	
Q 593	TRANS BC557B	TRANSISTOR	346-74878020	
Q 624	TRANS POWMOS TO220FP NCH 600V 8A +	TRANSISTOR	346-22395	04.09.2000
Q 624	TRANS POWMOS TO220 NCH 600V 8A +	TRANSISTOR	346-28957	
Q 663	TRANS POWMOS TO220FP NCH 50V 10A 30W +	TRANSISTOR	346-18528	
Q 674	TRANS POWMOS TO220FP NCH 50V 10A 30W +	TRANSISTOR	346-18528	
Q 681	TRANS BC557B	TRANSISTOR	346-74878020	
Q 682	TRANS SILPOW TO220FP PNP 80V 3A 24W	TRANSISTOR	346-28633Y22	
Q3221	TRANS BC640	TRANSISTOR	346-25720020	
Q3222	TRANS BC639	TRANSISTOR	346-75622020	
Q4832	TRANS PDTA144EU SOT323 PNP	TRANSISTOR	344-28790	
	DIODEN	**DIODES**		
D 0117	LED LG T679 SMD	COUPLER	353-27021	
D 0118	LED LG T679 SMD	COUPLER	353-27021	
D 0121	DIODE LED F.D.SFH 4515	COUPLER	353-27024	
D 206	DIODE ZD 30V0 2%	DIODE	352-15763	
D 351	DIODE 0,5A 20V DO-35 SD103C LV010	DIODE	352-17741	
D 367	DIODE 1,0A 1000V DO204AL 1N4007 LV010	DIODE	352-79585	
D 373	DIODE BAV103 LV030 IMPLOTEC-DIODE	DIODE	351-27246	
D 383	DIODE BAV103 LV030 IMPLOTEC-DIODE	DIODE	351-27246	
D 393	DIODE BAV103 LV030 IMPLOTEC-DIODE	DIODE	351-27246	
D 474	DIODE 1 N 4148 DO35	DIODE	352-31818	
D 491	DIODE 1 N 4148 DO35	DIODE	352-31818	
D 526	DIODE 1 N 4148 DO35	DIODE	352-31818	
D 527	DIODE EU 02V0	DIODE	352-20289	
D 531	DIODE 1,0A 400V DO41 FAST-GP LV010	DIODE	352-20685	
D 532	DIODE 3,0A 100V DO201AD UFAST-GP RM15	DIODE	352-20535	
D 533	DIODE BA 157	DIODE	352-44799	
D 537	DIODE 3,0A 40V DO27 SCHOTTKY	DIODE	352-12657	
D 539	DIODE ESC011M	DIODE	352-23667	
D 541	DIODE BA 157	DIODE	352-44799	
D 546	DIODE BA 157	DIODE	352-44799	
D 547	DIODE BA 159	DIODE	352-49148	
D 548	DIODE 1 N 4148 DO35	DIODE	352-31818	
D 549	DIODE ZD 30V0 2%	DIODE	352-15763	
D 557	DIODE 1,0A 400V DO41 FAST-GP LV010	DIODE	352-20685	
D 558	DIODE 1,0A 400V DO41 FAST-GP LV010	DIODE	352-20685	
D 561	DIODE BA 157	DIODE	352-44799	
D 584	DIODE ZD 30V0 2%	DIODE	352-15763	
D 589	DIODE BA 157	DIODE	352-44799	

POSNR. ITEMNMB	KURZTEXT DESCRIPTION		BESTELLNR. LIST-PART-NMB	ENTF-DAT. LAST-DATE
D 590	DIODE BA 157	DIODE	352-44799	
D 613	GLEICHRICHTER B250 C3200/2200 LV040	RECTIFIER	354-22394	
D 617	DIODE 3,0A 1000V DO27A UFAST-GP RM15	DIODE	352-22712	
D 622	DIODE BA 157	DIODE	352-44799	
D 623	DIODE STTA506F TO220	DIODE	352-27866	
D 636	DIODE BA 157	DIODE	352-44799	
D 652	DIODE BYT08PI-1000 +	DIODE	352-28613	
D 656	DIODE 3,0A 200V DO201AD UFAST-GP	DIODE	352-24689	13.09.2001
D 656	DIODE 3,0A 200V DO201AD UFAST-GP RM15	DIODE	352-25838	25.06.2001
D 656	DIODE 3,0A 300V DO201AD UFAST-GP LV010	DIODE	352-29726	
D 660	DIODE ZD 12V0	DIODE	352-44202	
D 661	DIODE 3,0A 100V DO201AD UFAST-GP RM15	DIODE	352-20535	
D 666	DIODE 0,5A 20V DO-35 SD103C LV010	DIODE	352-17741	
D 669	DIODE 1 N 4148 DO35	DIODE	352-31818	
D 670	DIODE ZD 30V0 2%	DIODE	352-15763	
D 671	DIODE STPS20L40CF GESCHNITTEN/GEBOGEN	DIODE	352-20296Y20	
D 672	DIODE ZD 3V9 DO35 5% 0,5W LV010	DIODE	352-10526	
D 680	DIODE ZD 100V0 DO-41 J 1,3W ZPY LV010	DIODE	352-28686	
D 681	DIODE BA 157	DIODE	352-44799	
D 686	DIODE 3,0A 200V DO201AD UFAST-GP RM15	DIODE	352-25838	
D 687	DIODE 3,0A 200V DO201AD UFAST-GP RM15	DIODE	352-25838	
D1081	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6 LV030	DIODE	351-16758	
D1114	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6 LV030	DIODE	351-16758	
D1193	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6 LV030	DIODE	351-16758	
D1591	DIODE 0,2A 75V SOD80 LL4148 LV030	DIODE	351-15015	
D1595	DIOVC 0A02 30V SOD323 BB639 LV030	DIODE	351-26571	
D1763	DIODE LL 103 C	DIODE	351-16947	
D1786	DIODE 0,2A 75V SOD80 LL4148 LV030	DIODE	351-15015	
D1787	DIODE 0,2A 75V SOD80 LL4148 LV030	DIODE	351-15015	
D1930	DIODE 0,2A 75V SOD80 LL4148 LV030	DIODE	351-15015	
D1948	DIOZD 3V0 J 0W5 SOD-80 ZMM3 LV030	DIODE	351-22085	
D1994	DIODE 0,2A 75V SOD80 LL4148 LV030	DIODE	351-15015	
D3351	DIODE 0,5A 20V DO-35 SD103C LV010	DIODE	352-17741	
D3367	DIODE 1,0A 1000V DO204AL 1N4007 LV010	DIODE	352-79585	
D4203	DIOVC 0A02 30V SOD323 BB640 LV030	DIODE	351-26568	
D4203	DIOVC 0A02 30V SOD323 BB640 LV030	DIODE	351-26568	
D4204	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4204	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4222	DIOVC 0A02 30V SOD323 BB640 LV030	DIODE	351-26568	
D4222	DIOVC 0A02 30V SOD323 BB640 LV030	DIODE	351-26568	
D4241	DIOVC 0A02 30V SOD323 BB640 LV030	DIODE	351-26568	
D4241	DIOVC 0A02 30V SOD323 BB640 LV030	DIODE	351-26568	
D4242	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4242	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4303	DIOVC 0A02 30V SOD323 BB639 LV030	DIODE	351-26571	
D4303	DIOVC 0A02 30V SOD323 BB639 LV030	DIODE	351-26571	
D4304	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4304	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4322	DIOVC 0A02 30V SOD323 BB639 LV030	DIODE	351-26571	
D4322	DIOVC 0A02 30V SOD323 BB639 LV030	DIODE	351-26571	
D4341	DIOVC 0A02 30V SOD323 BB639 LV030	DIODE	351-26571	
D4341	DIOVC 0A02 30V SOD323 BB639 LV030	DIODE	351-26571	
D4403	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4403	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4422	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4422	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	

D4441	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4441	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4508	DIOVC 0A02 30V SOD323 BB640 LV030	DIODE	351-26568	
D4508	DIOVC 0A02 30V SOD323 BB640 LV030	DIODE	351-26568	
D4527	DIOVC 0A02 30V SOD323 BB639 LV030	DIODE	351-26571	
D4527	DIOVC 0A02 30V SOD323 BB639 LV030	DIODE	351-26571	
D4551	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4551	DIOVC 0A02 30V SOD323 BB535 LV030	DIODE	351-26570	
D4806	DIODE BAV 99W SOT323	DIODE	351-27469	
D4806	DIODE BAV 99W SOT323	DIODE	351-27469	
D8101	GLEICHRICHTER B 40 C 800-R-A RUND	RECTIFIER	354-27624040	
D8206	LED 3MM ROT LOWCURRENT	COUPLER	353-22140	
D8207	LED 3MM GRUEN LOWCURRENT	COUPLER	353-22141	
	QUARZE/FILTER	**QUARTZES**		
X 1812	QUARZ 11,059200 MHZ HC49U CL=16PF LV	CRYSTAL OSCILLATOR	385-29255	
X1327	QUARZ 18,432000 MHZ HC49U	CRYSTAL OSCILLATOR	385-25502	
X1483	QUARZ 20,250000 MHZ HC49U	CRYSTAL OSCILLATOR	385-26686	
X1701	QUARZ 24,576000 MHZ HC49U3H	CRYSTAL OSCILLATOR	385-24963	
X1812	QUARZ 11,059200 MHZ HC49U	CRYSTAL OSCILLATOR	385-14721	26.07.2001
X1917	QUARZ 20,250000 MHZ HC49U	CRYSTAL OSCILLATOR	385-26686	
X1958	QUARZ 20,480000 MHZ HC49U	CRYSTAL OSCILLATOR	385-24044	
X4651	QUARZ 4,000000 MHZ HC49U3 LOW PROFILE	CRYSTAL OSCILLATOR	385-27752Y20	
X4651	QUARZ 4,000000 MHZ HC49U3 LOW PROFILE	CRYSTAL OSCILLATOR	385-27752	
X4701	FILT. OFW K 6263 K	FILTER	290-25214	
X4701	FILT. OFW K 6263 K	FILTER	290-25214	
	SCHALTER	**SWITCHES**		
S8001	TASTER (LANG)	SWITCH	467-28135	
S8002	TASTER (LANG)	SWITCH	467-28135	
S8003	TASTER (LANG)	SWITCH	467-28135	
S8101	NETZSCHALTER 8013 LORL	SWITCH	471-25599	
	POTENTIOMETER	**POTENTIOMETERS**		
P 662	POT 1K 6MM KOHLESCHICHT HORIZONT.	POTENTIOMETER	375-22863020	
	SICHERUNGEN	**FUSES**		
F 611	SICH. 3150MA T 250V 5X20 L LV380-1 A.3	FUSE	380-37669	
F 656	SICH. 3150MA F 250V 8X8 LV380-3	FUSE	380-26219020	
F 661	SICH. 3150MA T 250V 8X8 LV380-3	FUSE	380-12027020	
F 672	SICH. 5000MA T 250V 8X8 LV380-3	FUSE	380-27665020	
F 689	SICH. 630MA T 250V 8X8 LV380-3	FUSE	380-13837020	
	KONDENSATOREN	**CAPACITORS**		
10	ELKO 3U3 K 50V AXIAL 10X20 LV010	ELECTROLYT CAPACITOR	360-25591010	
C 154	ELKO 22U S 250V R5 10X22 360-8	ELECTROLYT CAPACITOR	360-11762020	
C 360	KOND 10N M2000V R7,5	CAPACITOR	357-21868	
C 366	ELKO 22U S 250V R5 10X22 360-8	ELECTROLYT CAPACITOR	360-11762020	
C 367	ELKO 22U S 250V R5 10X22 360-8	ELECTROLYT CAPACITOR	360-11762020	
C 368	KOND 1N M1000V R5 D<9 LV020	CAPACITOR	357-73102020	
C 531	KOND 2N2 J 2000V RM15 LV359-20	CAPACITOR	359-26835	
C 538	ELKO 47U M 250V R7,5 18,5X41,5	ELECTROLYT CAPACITOR	360-22941	
C 540	ELKO 2U2 M 350V R 5,0 10X16 360-18	ELECTROLYT CAPACITOR	360-28102020	
C 541	KOND 8N8 H R22,5 LV359-20	CAPACITOR	359-25296	
C 542	KOND 520N J 250V R22,5 11X21	CAPACITOR	359-25886	
C 543	KOND 22N J 630V R15 LV359-20 +	CAPACITOR	359-26531	05.11.2000
C 543	KOND 25N J 630V R15 LV359-20+	CAPACITOR	359-27012	

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C 544	KOND 680N J 250V R22,5 LV359-19	CAPACITOR	359-28116	
C 545	KOND 820P J 2000V RM15 LV359-20	CAPACITOR	359-26529	08.02.2000
C 545	KOND 390P J 2000V RM15	CAPACITOR	359-28868	
C 546	KOND 220N J 100V R5 5X10X7,2	CAPACITOR	359-27013020	
C 548	ELKO 22U S 250V R5 10X22 360-8	ELECTROLYT CAPACITOR	360-11762020	
C 553	KOND 390P J 2000V RM15	CAPACITOR	359-28868	
C 568	KOND 470N J 100V R5 LV359-1	CAPACITOR	359-28078020	
C 611	KOND 470N M 275VW R22,5 LV359-15 X2+	CAPACITOR	359-28292	
C 612	KOND 470N M 275VW R22,5 LV359-15 X2+	CAPACITOR	359-28292	
C 613	KOND 470N M 275VW R22,5 LV359-15 X2+	CAPACITOR	359-28292	
C 614	KOND 330P M 400VW R10	CAPACITOR	357-73804	
C 619	KOND 100N M 250VW R15 LV359-15 X2	CAPACITOR	359-23372	
C 620	ELKO 330U M 450V R10 30X50 105°	ELECTROLYT CAPACITOR	360-27891	
C 621	KOND 470N J 100V R5 LV359-1	CAPACITOR	359-28078020	
C 624	KOND 820P J 2000V RM15 LV359-20	CAPACITOR	359-26529	
C 627	KOND 470P J1500V R15	CAPACITOR	359-18821	
C 628	KOND 22N J 630V R15 LV359-20 +	CAPACITOR	359-26531	
C 639	KOND 2N2 M 400VW RM10/12,5 LV357-2	CAPACITOR	357-14192	
C 650	KOND 150P K1600V R15 5X11X18	CAPACITOR	359-13943	
C 651	ELKO 47U M 250V R7,5 18,5X41,5	ELECTROLYT CAPACITOR	360-22941	
C 682	KOND 680P K 500V R5	CAPACITOR	357-21183020	
C3154	ELKO 22U S 250V R5 10X22 360-8	ELECTROLYT CAPACITOR	360-11762020	
C3360	KOND 10N M2000V R7,5	CAPACITOR	357-21868	
C3366	ELKO 22U S 250V R5 10X22 360-8	ELECTROLYT CAPACITOR	360-11762020	
C3367	ELKO 22U S 250V R5 10X22 360-8	ELECTROLYT CAPACITOR	360-11762020	
C3368	KOND 1N M1000V R5 D<9 LV020	CAPACITOR	357-73102020	
C3373	KOND 100N K 250V R5 LV359-1	CAPACITOR	359-26910020	
C3383	KOND 100N K 250V R5 LV359-1	CAPACITOR	359-26910020	
C3393	KOND 100N K 250V R5 LV359-1	CAPACITOR	359-26910020	
	WIDERSTÄNDE	**RESISTORS**		
10	WID 15K G 0204 LV010	RESISTOR	367-14985	
10	WID 1K8 G 0204 LV367-2 LV010	RESISTOR	367-20334	
B 590	WIDSI 1R K 0207	RESISTOR	366-12276	
B 673	WID 1R J 0207 LV366-2 LV010	RESISTOR	366-20649	31.08.2000
B 674	WID 1R J 0207 LV366-2 LV010	RESISTOR	366-20649	31.08.2000
B 693	WID 8K2 J 0207 LV010	RESISTOR	367-19613	19.08.2000
R 153	WIDSI 3R3 J 0207 0,50W LV010	RESISTOR	366-27701	
R 206	WID 18K G 0207	RESISTOR	367-11559	24.05.2000
R 206	WID 8K2 J 0207 LV010	RESISTOR	367-19613	19.08.2000
R 206	WID 6K8 J 0207 LV366-2 LV010	RESISTOR	366-20652	
R 207	WID 18K G 0207	RESISTOR	367-11559	24.05.2000
R 207	WID 8K2 J 0207 LV010	RESISTOR	367-19613	19.08.2000
R 207	WID 5K6 J 0207 LV366-3 LV010	RESISTOR	366-28964	
R 208	WID 6K8 J 0207 LV366-2 LV010	RESISTOR	366-20652	
R 209	WID 5K6 J 0207 LV366-3 LV010	RESISTOR	366-28964	
R 362	WID 1K5 K 0411	RESISTOR	365-77586	
R 364	WID 10R J 0207 LV366-1 LV010	RESISTOR	366-77101	
R 366	WIDSI 270R J 0414	RESISTOR	366-27623	
R 367	WID 1M J 0207 LV366-1 LV010	RESISTOR	366-28054	
R 368	WID 1K5 K 0411	RESISTOR	365-77586	
R 374	WID 82K G 0207 LV010	RESISTOR	367-10885	
R 378	WID 560R K 0411	RESISTOR	365-15309	
R 384	WID 82K G 0207 LV010	RESISTOR	367-10885	
R 388	WID 560R K 0411	RESISTOR	365-15309	
R 394	WID 82K G 0207 LV010	RESISTOR	367-10885	

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R 398	WID 560R K 0411	RESISTOR	365-15309	
R 466	WID 470R J 0617 3,00W R20	RESISTOR	367-20648	
R 468	WID 470R J 0617 3,00W R20	RESISTOR	367-20648	
R 479	WID 220R J 0207 LV366-1 LV010	RESISTOR	366-15679	
R 489	WID 220R J 0207 LV366-1 LV010	RESISTOR	366-15679	
R 491	WIDSI 3R3 K 0207 0,33W LV010	RESISTOR	366-11790	
R 516	WID 22R J 0207 LV366-2 LV010	RESISTOR	366-20655	
R 517	WID 22R J 0207 LV366-2 LV010	RESISTOR	366-20655	
R 518	WID 10R J 0207 LV366-1 LV010	RESISTOR	366-77101	
R 521	WIDSI 3R3 K 0207 0,33W LV010	RESISTOR	366-11790	
R 521	WIDSI 3R3 J 0207 0,50W LV010	RESISTOR	366-27701	11.05.2000
R 524	WID 4K7 J 0207 LV366-1 LV010	RESISTOR	366-40343	
R 525	WID 4K7 J 0207 LV366-1 LV010	RESISTOR	366-40343	
R 527	WID 4K7 J 0207 LV366-1 LV010	RESISTOR	366-40343	
R 528	WID 4K7 J 0207 LV366-1 LV010	RESISTOR	366-40343	
R 529	WID 4K7 J 0207 LV366-1 LV010	RESISTOR	366-40343	
R 530	WID 4K7 J 0207 LV366-1 LV010	RESISTOR	366-40343	
R 531	WIDSI 3R3 J 0207 0,50W LV010	RESISTOR	366-27701	
R 532	WID 0R68 J 4,00W R15	RESISTOR	368-21294	
R 533	WID 12R F 0207 LV010	RESISTOR	367-21330	
R 534	WIDSI 3R3 J 0207 0,50W LV010	RESISTOR	366-27701	
R 535	WID 100K J 0207 LV366-1 LV010	RESISTOR	366-16330	
R 538	WID 100K J 0207 LV366-1 LV010	RESISTOR	366-16330	
R 539	WID 100K J 0207 LV366-1 LV010	RESISTOR	366-16330	
R 540	WIDSI 47R J 0411 0,75W	RESISTOR	368-28118	
R 541	WIDSI 3R3 J 0207 0,50W LV010	RESISTOR	366-27701	
R 542	WID 1K8 G 0204 LV367-2 LV010	RESISTOR	367-20334	
R 543	WID 1K5 J 0414 1W R15	RESISTOR	367-20657	
R 545	WIDSI 3R3 J 0207 0,50W LV010	RESISTOR	366-27701	
R 546	WID 220R J 0207 LV366-1 LV010	RESISTOR	366-15679	
R 547	WIDSI 3R3 J 0207 0,50W LV010	RESISTOR	366-27701	
R 549	WID 150K G 0207 LV366-1 LV010	RESISTOR	367-10898	
R 551	WID 150K G 0207 LV366-1 LV010	RESISTOR	367-10898	
R 553	WID 220R J 0207 LV366-1 LV010	RESISTOR	366-15679	
R 555	WID 1K8 G 0204 LV367-2 LV010	RESISTOR	367-20334	
R 557	WIDSI 1R5 J R17,5 0,5 W +	RESISTOR	366-20386	
R 558	WIDSI 1R5 J R17,5 0,5 W +	RESISTOR	366-20386	
R 560	WID 10K F 0204 LV367-2 LV010	RESISTOR	367-20347	
R 561	WID 3K9 F 0204 LV367-2 LV010	RESISTOR	367-20341	
R 565	WID 40K2 F 0204 LV010	RESISTOR	367-26914	
R 566	WID 82K G 0207 LV010	RESISTOR	367-10885	
R 567	WID 470R J 0207 LV366-2 LV010	RESISTOR	366-20661	
R 569	WID 470R J 0207 LV366-2 LV010	RESISTOR	366-20661	
R 574	WID 0R82 J 4,00W R15	RESISTOR	368-11091	
R 578	WID 82K G 0207 LV010	RESISTOR	367-10885	
R 579	WID 40K2 F 0204 LV010	RESISTOR	367-26914	
R 583	WID 390K G 0204 LV010	RESISTOR	367-16791	
R 590	WID 10R J 0207 LV366-1 LV010	RESISTOR	366-77101	
R 591	WID 1R J 0207 LV366-2 LV010	RESISTOR	366-20649	
R 592	WID 1R J 0207 LV366-2 LV010	RESISTOR	366-20649	
R 613	WID 1R5 K 7,00W R22,5	RESISTOR	368-24602	
R 619	DUO-PTC-WID 9R	PTC RESISTOR	372-28729	
R 621	WID 56K J 0414 1,00W R15	RESISTOR	367-22396	
R 622	WID 820K J 0207 LV366-1 LV010	RESISTOR	366-16437	
R 625	WID 680K J 0207	RESISTOR	367-27264	
R 626	WID 22R J 0207 LV366-2 LV010	RESISTOR	366-20655	

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R 629	WID 22R J 0207 LV366-2 LV010	RESISTOR	366-20655	
R 634	WID 680K J 0207	RESISTOR	367-27264	
R 639	WID 10M J 0414 LV010	RESISTOR	367-19664	
R 651	WID 18K G 0207	RESISTOR	367-11559	
R 652	WIDSI 1R K 0207	RESISTOR	366-12276	
R 653	WID 100R J 0207 LV366-1 LV010	RESISTOR	366-73257	
R 654	WID 100R J 0207 LV366-1 LV010	RESISTOR	366-73257	
R 659	WID 15K G 0204	RESISTOR	367-14985Y01	
R 660	WID 1K8 G 0204 LV367-2 LV010	RESISTOR	367-20334	
R 660	WID 1K8 G 0204 GESCHNITTEN	RESISTOR	367-20334Y03	31.08.2000
R 662	WID 4K7 F 0204 LV367-2 LV010	RESISTOR	367-20346	
R 663	WID 220K F 0207 LV367-2 LV010	RESISTOR	367-28413	
R 665	WID 56K J 0414 1,00W R15	RESISTOR	367-22396	
R 666	WID 18K F 0204 LV010	RESISTOR	367-18527	
R 668	WID 4K7 F 0204 LV367-2 LV010	RESISTOR	367-20346	
R 677	WID 10K F 0204 LV367-2 LV010	RESISTOR	367-20347	
R 678	WID 10K F 0204 LV367-2 LV010	RESISTOR	367-20347	
R 679	WID 100K J 0207 LV366-1 LV010	RESISTOR	366-16330	
R 681	WID 3R3 J 0207 LV366-1 LV010	RESISTOR	366-77754	
R 682	WID 33R J 0207 LV366-2 LV010	RESISTOR	366-22944	
R 683	WID 470R J 0207 LV366-2 LV010	RESISTOR	366-20661	
R 684	WID 6K8 J 0207 LV366-2 LV010	RESISTOR	366-20652	
R 685	WID 68R J 3,00W RM20	RESISTOR	367-22942	
R 686	WIDSI 0R1 K 0207	RESISTOR	366-10905Y09	
R 687	WIDSI 0R1 K 0207	RESISTOR	366-10905Y09	
R 688	WID 1R J 0207 LV366-2 LV010	RESISTOR	366-20649	
R 689	WID 1R J 0207 LV366-2 LV010	RESISTOR	366-20649	
R 690	WIDSI 1R K 0207	RESISTOR	366-12276	
R 691	WID 100R J 0207 LV366-1 LV010	RESISTOR	366-73257	
R 692	WID 100R J 0207 LV366-1 LV010	RESISTOR	366-73257	
R 693	WID 220R J 0207 LV366-1 LV010	RESISTOR	366-15679	
R1035	WIDSI 10R J 0207 0,25W R5	RESISTOR	366-20353	
R1256	WIDSI 10R J 0207 0,25W R5	RESISTOR	366-20353	
R1788	WIDSI 10R J 0207 0,25W R5	RESISTOR	366-20353	
R3153	WIDSI 3R3 J 0207 0,50W LV010	RESISTOR	366-27701	
R3362	WID 1K5 K 0411	RESISTOR	365-77586	
R3364	WID 10R J 0207 LV366-1 LV010	RESISTOR	366-77101	
R3366	WIDSI 270R J 0414	RESISTOR	366-27623	
R3367	WID 1M J 0207 LV366-1 LV010	RESISTOR	366-28054	
R3368	WID 1K5 K 0411	RESISTOR	365-77586	
R3374	WID 82K G 0207 LV010	RESISTOR	367-10885	
R3378	WID 560R K 0411	RESISTOR	365-15309	
R3384	WID 82K G 0207 LV010	RESISTOR	367-10885	
R3388	WID 560R K 0411	RESISTOR	365-15309	
R3394	WID 82K G 0207 LV010	RESISTOR	367-10885	
R3398	WID 560R K 0411	RESISTOR	365-15309	
R8301	WID 10M J 0411	RESISTOR	367-19664Y05	

	GEBER-ERSATZTEILE	SPARE PARTS FOR TRANSMITTER	
20	BATTERIEFEDER	SPRING	739-87217001
20	GEHAEUSE-OBERTEIL CONTROL 150 ARKTIS	COVER	756-87265001
25	LICHTLEITER	WINDOW	666-87274001
30	KONTAKTMATTE CONTROL 150	SPRING CONTACT	309-87267001
70	GEHAEUSE-UNTERTEIL ARKTIS	COVER	756-87264001
80	BATTERIEFEDER 2-FACH	SPRING	739-85279001
90	BATTERIEDECKEL ARKTIS	COVER	756-87215001

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20	BATTERIEFEDER VERGOLDET	SPRING	739-87217002	
D 105	DIODE BAS216 SOD110	DIODE	351-27279	
D 117	LED LG T679 SMD	COUPLER	353-27021	
D 118	LED LG T679 SMD	COUPLER	353-27021	
D 121	DIODE LED F.D.SFH 4515	COUPLER	353-27024	
G 0000	BATTERIEDECKEL ARKTIS	COVER	756-87215001	
G 0000	GEHAEUSE-UNTERTEIL ARKTIS	COVER	756-87264001	
G 0000	GEHAEUSE-OBERTEIL CONTROL 150 ARKTIS	COVER	756-87265001	
G 0000	LICHTLEITER	WINDOW	666-87274001	
H 0000	BATTERIEFEDER 2-FACH	SPRING	739-85279001	
H 0000	BATTERIEFEDER	SPRING	739-87217001	
I 101	ICMOS PCA84C122AT-231	INTEGRATED CIRCUIT	350-27787	
Q 0121	TRANS GENERAL SOT23 PNP 45V 500MA	TRANSISTOR	344-25509	
Q 121	TRANS GENERAL SOT23 PNP 45V 500MA	TRANSISTOR	344-25509	
S 0000	KONTAKTMATTE CONTROL 150	SPRING CONTACT	309-87267001	
X 0111	PIEZO 4,300000 MHZ MELF RESON LV030	CERAMIC FILTER	386-27022	
X 111	PIEZO 4,300000 MHZ MELF RESON LV030	CERAMIC FILTER	386-27022	

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Hinweis zum Schutz gegen Elektrostatik

1. Elektrostatisch gesicherte MOS-Arbeitsplätze.

Der Umgang mit gegen Elektrostatik empfindlichen Bauteilen muß an einem elektrostatisch gesicherten MOS-Arbeitsplatz erfolgen.
Ein elektrostatisch gesicherter MOS-Arbeitsplatz erdet über Entladungswiderstände sämtliche leitende Materialien einschließlich der Person. Nichtleiter werden durch Luftionisation entladen. Die Integration von Lötkolben und Meßgeräten in den gesicherten MOS-Arbeitsplatz ist nur mit Trenntrafo in jedem der verwendeten Geräte möglich. Die Meßgeräte-Massen werden ebenfalls mit Entladungswiderständen geerdet.

2. Gesicherte Verpackung durch leitfähige Materialien.

Zum Schutz gegen Elektrostatik werden elektrisch leitende Kunststoffe für Verpackung und Transportmittel verwendet. Leitende Kunststoffe gibt es als schwarze oder transparente Schutzbeutel, Schaumstoff, Folien und als Behälter.
Empfindliche Bauteile dürfen nur am gesicherten MOS-Arbeitsplatz aus der Verpackung entfernt bzw. verpackt werden.

Sicherheitshinweise/Vorschriften

1. Instandsetzungen, Änderungen und Prüfung netzbetriebener elektronischer Geräte und deren Zubehör dürfen nur von fachkundigen Personen ausgeführt werden.
2. Es gelten die Vorschriften und Sicherheitshinweise nach VDE 0701, Teil 200, und die Vorschriften und Sicherheitshinweise des jeweiligen Landes!
3. VDE 0701, Teil 200, beinhaltet Vorschriften zur Instandsetzung, Änderung und Prüfung netzbetriebener elektronischer Geräte und deren Zubehör.
4. Vor der Auslieferung des Geräts muß eine Sichtprüfung des Geräts und der Anschlußleitungen (und soweit vorhanden, des Schutzleiters), und die Messung des Isolationswiderstandes und des Ersatz-Ableitstromes nach VDE 0701, Teil 200, durchgeführt werden. Der niederohmige Durchgang des Schutzleiters ist durch Messung laut Vorschrift VDE 0701, Teil 1, nachzuweisen.
5. Die Vorschriften des jeweiligen Landes sind zusätzlich zu beachten.
6. Bauteile mit dem Symbol ⚠ gekennzeichnet, dürfen nur durch Originalteile ersetzt werden.

Demontage der Rückwand

Zum Abnehmen der Rückwand werden die fünf Rückwandschrauben **R** herausgedreht. Schraubenzieher in die Aussparung **V** einführen. Verriegelung nach unten drücken und gleichzeitig Rückwand nach hinten schieben (Abb. 1).

Gerätechassis in Reparaturstellung bringen

1. Das Chassis hinten leicht anheben und vorsichtig nach hinten aus dem Gerät herausziehen (Abb. 2).
2. Lösen Sie die Kabelfixsierungen. Drehen Sie jetzt das Chassis um 90° entgegen dem Uhrzeiger und stellen Sie das Chassis hinter dem Gerät ab (Abb. 3).
3. Nach erfolgter Reparatur/Einstellung müssen die Leitungen wieder in ihre ursprüngliche Lage gebracht und fixiert werden.

Reparaturstellung für die Leiterplatte Signal-Board

1. Die Leiterplatte Signal-Board vom Hauptchassis (Basic-Board) abnehmen; vorher müssen alle Anschlußkabel abgezogen werden.
2. Die vier Schrauben (A) (Abb. 4) aus der AV-Abdeckung aus Kunststoff herausschrauben und die AV-Abdeckung durch Ausclipsen von der Leiterplatte Signal-Board abnehmen.
3. Die vordere Metallabdeckung von der Leiterplatte Signal-Board abnehmen (Abb. 5). Den gleichen Vorgang bei der hinteren Metallabdeckung wiederholen (Abb. 6).
4. Die drei Verlängerungskabel an die Leiterplatte Signal-Board anschließen; darauf achten, daß die Leiterplatte Signal-Board die Leiterplatte Basic-Board nicht berührt (Abb. 7).
5. Nach erfolgter Reparatur/Einstellung müssen sämtliche Kabel wieder in ihre ursprüngliche Lage gebracht und fixiert werden.

Hinweis:
Die Verlängerungskabel werden als Reparatur-Teilesatz unter der Bestell-Nr. 291-90274.920 geliefert.

☞ Reparaturhinweis Signal - Board MediaPlus

Bei Fehlern auf dem Signal-Board gehen Sie bitte folgender maßen vor:

- Nehmen Sie den EAROM (I 1891) aus der Leiterplatte heraus. Das Gerät ist weiterhin spielfähig.
- Bekommen Sie jetzt ein stehendes Bild, ist der EAROM defekt, (etwaige Geometriefehler bleiben dabei unberücksichtigt).
- Ist der Fehler weiterhin vorhanden, liegt das an einem anderen Bauteil auf dem Signal-Board.
- wenn Sie das Signal-Board bei der Kundendienst-Zentrale Kronach tauschen wollen, setzen Sie den EAROM aus dem defekten Signal-Board in das neue ein. So ersparen sie sich den Geräteabgleich und die Programmierung.

Wichtig!
Am defekten Signal-Board entfernen Sie bitte die AV-Abdekkung.

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Note on electrostatic shielding

1. Electrostatically shielded MOS workstations

Components sensitive to electrostatic discharge must be handled at workstation with electrostatic shielding. An electrostatically shielded MOS workstation is fitted with discharge resistor which earth all conductive materials, including the technician working there. Dielectrics are discharged by air ionisation. The use of soldering irons and measuring equipment at shielded workstation is only possible in conjunction with isolating transformer in each of the devices used. Measuring equipment chassis are also earthed with discharge resistors.

2. Shielded packaging using conductive materials

To protect against electrostatic charges, electrically conductive plastics are used for packaging and transport purposes. Conductive plastics are available in the form of transparent protective bags, foam plastic, film sheeting or containers. Sensitive components requiring the use of protective packaging must only be packed and unpacked at shielded workstations.

Safety warnings/regulations

1. The repair, modification and testing of mains-operated electronic devices and their accessories must only be performed by qualified persons.
2. It is necessary to follow the regulations and safety warnings to VDE 0701, part 200, as well as the regulations and safety warnings applicable in the country concerned.
3. VDE 0701, Part 2, contains regulations on the repair, modification and testing of mains-operated electronic devices and their accessories.
4. Before delivery, the device and the connecting leads (including any protective earth conductor fitted) must undergo visual inspection, and the insulation resistance and the equivalent leakage current must be measured according to VDE 0701, part 200. The low-resistance continuity of the protective earth conductor must be verified by measurement to VDE regulation 0701, part 1.
5. The regulations of the country concerned must also be observed.
6. Only genuine parts must be used for replacing components marked with the symbol ⚠ .

Rear panel removal

Unscrew the five rear panel screws **R** to remove the rear panel. Insert screw driver into recess **V**. Depress interlocking and at the same time slide rear panel to the rear (fig. 1).

How to move the chassis into the service position

1. Hold and lift the rear of the chassis and gently pull the chassis toward you (fig. 2).
2. Undo the cable fixtures. Turn the chassis through 90°anticlockwise and place the chassis behind the set (fig. 3).
3. After servicing ensure all wiring is returned to its original position and fixed.

Service position for the signal board

1. Remove the signal board from the main chassis (Basic board), ensuring all leads are disconnected.
2. Remove the four screws (A) (fig. 4) from the plastic AV cover and unclip the AV cover from the signal board.
3. Remove the front metal cover from the signal board (fig. 5). Do the same for the rear metal cover (fig. 6).
4. Fit the three extension leads to the signal board making sure that the signal board does not touch the basic board (fig. 7).
5. After servicing ensure all wiring is returned to its original position and fixed.

Note:
The extension lead wire kit is supplied as a service kit. (Part number 291-90274.920).

☞ Repair information for the signal board MediaPlus

There is any error on the signal board, please proceed as described:

- Remove the EAROM (I 1891) from the printed circuit board. The TV is able to keep running.
- If you get a static picture, the EAROM is out of order (possible geometry errors remain unconsidered).
- If the error is still there, it's because of another component on the signal board.
- If you want to change the signal board at the service head office in Kronach, insert the EAROM from the damaged signal board into the new one. So you don't need to make the alignment and the programming of the TV set.

Important!
Please remove the AV cover at the damaged signal board.

Ⓕ

Recommandations pour la protection con tre les charges électrostatiques

1. Postes de travail MOS protégés électrostatiquement

La manipulation de composants sensibles aux charges électrostatiques doit impérativement se faire a un poste de travail MOS protégé électrostatiquement. Un tel poste de travail MOS protégé électrostatiquement met tous les matéraux conducteurs à la masse par l'intermédiaire de résistances de décharge, y compris la personne qui y travaille. Les non-conducteurs sont déchargés par ionisation de l'air. L'intégration de fers 3 souder et d'appareils de mesure dans le poste de travail MOS protégé électrostatiquement n'est admissible que par l'intermédiaire de transformateurs de séparation intégrés à chacun des appareils. Les terres des appareils de mesure sont également mises 3 la masse par l'intermédiaire de résistance de décharge.

2. Emballages de sécurité faits de matériaux conducteurs

Pou les protéger contre les charges électrostatiques, les composants sensibles sont emballes et transportes dans des matières plastiques conductrices d'électricité. Les matières plastiques conductrises existent en tant que sachets de protection noirs ou transparents, mousses, feuilles et aussi en tant que conteneurs. Les composants sensibles ne doivent être sortis de leu emballage conducteur ou y être emballes qu'au poste de travail MOS électrostatiquement protégé.

Consignes et prescriptions de sécurité

1. Les remises en état, modifications et examen d'appareils électroniques exploités sur réseau, et leurs accessoires, ne doivent être exécutés que par des professionnels.
2. On appliquera les prescriptions et consignes de sécurité selon VDE 0701, partie 200, et les prescriptions et consignes de sécurité du pays respectif!
3. VDE 0701, partie 200, comporte des prescriptions sur la remise en état, modification et examen d'appareils électroniques exploités sur réseau, et leurs accessoires.
4. Avant la livraison de l'appareil, il faut effectuer un examen visuel de l'appareil et câbles de branchement (et si existant de la terre), et la mesure de la résistance d'isolation et du courant de fuite de remplacement selon VDE 0701, partie 200. Le passage de basse impédance de la terre doit être démontré par une mesure conformément à la prescription VDE 0701, partie 1.
5. Les prescriptions du pays respectif doivent être également observées.
6. Les éléments caractérisés avec le symbole ⚠ ne doivent être remplacés que par des pièces originales.

Démontage du panneau arrière

Pour enlever la paroi arrière, dévissez les cinq vis **R**. Introduire un petit tournevis dans l'ouverture **V**. Pousser le verrouillage vers le bas et faire glisser en même temps le paroi arrière vers l'arrière (fig. 1).

Châssis d'appareil en position de réparation

1. Lever légèrement le châssis a l'arrière et le sortir avec précautions de l'appareil vers l'arrière (fig. 2).
2. Desserrer les serre-câble. Tourner le châssis à 90° dans le sens inverse des aiguilles d'une montre et placer le châssis derrière l'appareil (fig. 3).
3. Une fois la reparation/réglage effectuée, les câbles doivent être remis dans leur position initiale et fixes.

Réparation de la carte à circuits imprimes «Signaux»

1. Enlever la carte signaux du châssis principal (carte mère); auparavant, tous les câbles de raccordement doivent être débranchés.
2. Dévisser les quatre vis (A) (fig. 4) du recouvrement AV en plastique et retirer celui-ci de la carte signaux en ôtant les clips.
3. Enlever le recouvrement métallique frontal de la carte signaux (fig. 5). Procéder de la même manière pour le recouvrement métallique arrière (fig. 6).
4. Raccorder les trois câbles de rallonge à la carte signaux; ce faisant, veiller à ce que la carte signaux ne touche pas à la carte mère (fig. 7).
5. Une quatre la réparation/réglage effectuée, tous les câbles doivent être remis dans leur position initiale et fixes.

Remarque:
les câbles de rallonge sont fournis comme jeu de pièces de réparation sous le numéro de référence 291-90274.920.

☞ Note d'information pour la maintenance du circuit signal MediaPlus.

En cas de panne sur la platine signal veuillez procéder comme suit:

- Retirer l'EAROM (I 1891) de son support. L'appareil est toujours apte à fonctionner.
- Si vous obtenez une image statique, l'EAROM est défectueuse (erreurs possibles et inconsidérées de la géométrie d' image).
- Si la panne persiste, c'est qu'il s'agit d'un autre composant sur le module signal.
- Si vous voulez changer la platine signal auprès de votre fournisseur Loewe Kronach, conservez l'EAROM de la platine défectueuse afin de l'insérer dans la nouvelle platine. De ce fait, vous n'aurez pas besoin de réaligner et de reprogrammer le téléviseur.

Important!
Oter de la platine défectueuse que vous conserverez le couverture AV.

Nota per la protezione da scariche elettrostatiche

1. Posti di lavoro MOS protetti elettrostaticamente

La manipolazione di componenti sensibili alle scariche elettrostatiche deve essere eseguita a posti di lavoro MOS protetti da queste scariche. Un posto di lavoro MOS protetto dalle scariche elettrostatiche convoglia a terra tutti i materiali conduttori compresa la persona mediante resistenze di scarica. Gli isolatori vengono scaricati mediante ionizzazione dell'aria. L'integrazione di saldatoi e apparecchi di misura nel posto di lavoro MOS protetto é possibile solo attraverso trasformatori di separazione in ogni apparecchio usato. Anche le massa degli apparecchi di misura vengono scaricate a terra mediante resistente di scarica.

2. Imballaggio protetto mediante materiali conduttori

Per proteggere le componenti dalle scariche elettrostatiche vengono usati degli imballaggi e dei mezzi di trasporto di materiale sintetico conduttore. Esistono imballaggi di materiale sintetico conduttore sottoforma di sacchetti di protezione trasparenti o neri, materiale schiumoso, fogli e contenitori. Componenti sensibili devono essere tolti, risp. messi negli imballaggi di materiale conduttore solo in un posto di lavoro MOS protetto.

Note per la sicurezza/disposizioni

1. Riparazioni, modifiche e controlli su apparecchiature elettroniche ed accessori collegati alla rete elettrica devono essere eseguiti esclusivamente da personale esperto.
2. Si applicano le disposizioni e le note per la sicurezza della norma VDE 0701, parte 200, e quelle del Paese di installazione.
3. VDE 0701, parte 200, riporta le disposizioni per le riparazioni, modifiche e controlli su apparecchiature elettroniche ed accessori collegati alla rete elettrica.
4. Prima della consegna, si deve effettuare un controllo visivo dell'apparecchio e dei cavi di collegamento (anche del conduttore di protezione, se presente) nonchè la misurazione della resistenza di isolamento e della corrente deviata sostitutiva secondo la norma VDE 0701, parte 200. La continuità a basso valore ohmico del conduttore di protezione va dimostrata secondo la norma VDE 0701, parte 1.
5. Si devono rispettare anche le disposizioni relative in vigore nel Paese di installazione.
6. Componenti contrassegnati con il simbolo ⚠ devono essere sostituiti solo con ricambi originali.

Smontaggio del pannello posteriore

Per togliere il pannello si svitano le cinque viti **R** del pannello posteriore. Introdurre la punta del cacciavite nelle fessure **V**. Spingere il bloccaggio verso il basso e contemporaneamente far scivolare il pannello posteriore indietro (fig. 1).

Come si porta il telaio in posizione di riparazione

1. Alzare leggermente il telaio sulla parte posteriore ed estrarlo cautamente dalla parte posteriore dell'apparecchio (fig. 2).
2. Allentare i fissaggi dei cavi. Girare il telaio di 90° verso sinistra e appoggiare il telaio dietro l'apparecchio (fig. 3).
3. Dopo la riparazione/regolazione riportare i cablaggi nella posizione originaria e fissarli.

Posizione di riparazione della piastra segnale

1. Staccare la piastra segnale dal telaio principale (piastra di base). Prima staccare tutti i cablaggi.
2. Togliere le quattro viti (A) (fig. 4) dal coperchio di plastica dell'AV e, premendo i clip, smontare il coperchio dell'AV dalla piastra segnale.
3. Togliere il coperchio di metallo anteriore dalla piastra segnale (fig. 5). Ripetere l'operazione per il coperchio di metallo posteriore (fig. 6).
4. Collegare i tre cavi di prolunga alla piastra segnale facendo attenzione che la piastra di base non tocchi la piastra segnale (fig. 7.
5. Dopo la riparazione/regolazione, riportare i cablaggi nella posizione originaria e fissarli.

NOTA:
cavi di prolunga sono forniti come set di riparazione con il N° di codice 291-90274.920.

Nota di riparazione della piastra segnale MediaPlus

In caso di guasto della piastra segnale seguire le seguenti indicazioni:

- Estraete EAROM (I 1891) dal modulo. L'apparecchio è ancora funzionante.
- Se adesso, l'immagine è ferma l'EAROM è difettoso, (eventuali errori sulla geometria non sono da prendere in considerazione).
- Se il guasto si presenta ancora, esso è da ricercare su un altro componente della piastra segnale.
- In caso di permuta della piastra difettosa, tramite la Loewe Kronach, trattenete presso di voi l'EAROM, onde evitare la perdita dei dati memorizzati.

Importante:
Trattenete dal modulo difettoso coperchio AV.

(E)

Advertencia para la protección contra cargas electrostáticas

1. **Protección contra cargas electrostáticas en puestos de manipulación de módulos MOS**

   La manipulación de piezas sensibles contra cargas electrostáticas debe realizarse en puestos de manipulación de módulos MOS protegidos contra dichas cargas. Para que un puesto de manipulación de módulos MOS esté protegido contra descargas electrostáticas, todos los materiales conductores, incluído el operario, deben conectarse a tierra mediante resistencias de descarga. Los elementos no conductores deben descargarse mediante un ionizador de aire. La integración de soldadores y aparatos de medición en los puestos de manipulación de módulos MOS sólo se puede realizar con transformadores separadores en cada aparato utilizado. También deben conectarse a tierra las masas de los aparatos de medición utilizando resistencias de descarga.

2. **Embalaje protegido con materiales conductores**

   Para la protección contra las cargas electrostáticas se utilizan materiales sintéticos conductores para el embalaje y el transporte. Los materiales sintéticos conductores están disponibles en forma de bolsas protectoras negras o transparentes, gomaespuma, películas y envases.
   Las piezas electrostáticamente sensibles deben embalarse y/o desembalarse solamente en puestos de manipulación de módulos MOS.

Advertencias y normas de seguridad

1. Las puestas a punto, cambios y revisiones de aparatos electrónicos alimentados por la red y sus accesorios, sólo deben realizarse por personas especializadas.
2. Son aplicables las advertencias y normas de seguridad detalladas en la norma VDE 0701, apartado 200 y las correspondientes de cada país.
3. El apartado 200 de la norma VDE 0701 describe las puestas a punto, cambios y revisiones de aparatos electrónicos alimentados por la red y sus accesorios.
4. Antes de efectuar el suministro del aparato debe realizarse una comprobación visual del mismo y de las líneas de conexión (y, en su caso, de la línea protectora), así como una medición de la resistencia de aislamiento y de la corriente sustitutiva de escape según VDE 0701, apartado 200. Debe verificarse la baja resistencia de la línea protectora recogida en la norma VDE 0701, apartado 1.
5. Se han de tener en cuenta además las normas de los países correspondientes.
6. Las piezas marcadas con el símbolo ⚠ sólo podrán reemplazarse por piezas originales.

Medición de alta tensión

1. Ajustar el brillo al mínimo.
2. Medir la alta tensión. El aparato debe marcar 29,0 kV ± 0,7 kV. En caso de excederse el límite de tolerancia, debe corregirse inmediatamente para prevenir el fallo prematuro de los componentes.
3. Para limitar las posibles radiaciones de rayos X, es importante utilizar exclusivamente el tubo de imagen recomendado.

Advertencia: Es importante utilizar un voltímetro preciso y revisado periódicamente.

Desmontaje del panel posterior

Para retirar el panel posterior deben extraerse los cinco tornillos **R** que lo fijan al aparato. El destornillador debe introducirse en la ranura **V**. Empujar el cierre hacia abajo, deslizando al mismo tiempo el panel posterior hacia atrás (Figura 1).

Colocación del chasis del aparato en posición de reparación

1. Levantar ligeramente el chasis por la parte trasera y tirar con cuidado hacia atrás para extraerlo del aparato (Figura 2).
2. Liberar las sujeciones de los cables. Girar el chasis 90° en sentido contrario al de las agujas del reloj y dejarlo detrás del aparato (Figura 3).
3. Una vez finalizada la reparación o puesta a punto, colocar y fijar los cables en su posición original.

Posición de reparación del circuito impreso de la tarjeta de señales

1. Extraer la tarjeta de señales del chasis principal (tarjeta básica); antes han de retirarse todos los cables de conexión.
2. Extraer los cuatro tornillos (A) (Figura 4) de la cubierta plástica de AV y retirar ésta desencajándola de la tarjeta de señales.
3. Retirar la cubierta metálica delantero de la tarjeta de señales (Figura 5). Repetir el proceso con la cubierta metálica posterior (Figura 6).
4. Conectar los tres cables alargadores a la tarjeta de señales; tener cuidado de que la tarjeta de señales no entre en contacto con el circuito impreso de la tarjeta básica (Figura 7).
5. Una vez finalizada la reparación o puesta a punto, colocar y fijar los cables en su posición original.

Nota:
Los cables alargadores se pueden encargar como juego de piezas de recambio indicando el número de pedido 291-90274.920.

☞ Notas para la reparación de la tarjeta de señales MediaPlus

En caso de avería, rogamos dar los siguientes pasos:

- Extraer la EAROM (I 1891) de la placa de circuito impreso. Esto no impide que el aparato siga funcionando.
- Si aparece una imagen fija, significa que la EAROM está defectuosa (no se consideran los posibles fallos en la geometría de la imagen).
- Si el fallo persiste, la avería se encuentra en otro componente de la tarjeta de señales.
- Para cambiar la tarjeta de señales en nuestro Centro de Atención al Cliente en Kronach, instalar la EAROM de la tarjeta de señales defectuosa en la tarjeta nueva. Así se ahorra la comprobación y programación del aparato.

Importante!
Retirar los de la tarjeta de señales la cubierta de AV.

(NL)

Aanwijzing ter bescherming tegen elektrostatica

1. Elektrostatisch beveiligde MOS-werkplekken.

De omgang met voor elektrostatica gevoelige componenten moet op een elektrostatisch beveiligde MOS-werkplek plaatsvinden.
Bij een elektrostatisch beveiligde MOS-werkplek worden alle geleidende materialen en de persoon zelf via ontladingsweerstanden geaard. Niet-geleiders worden door luchtionisatie ontladen. De integratie van soldeerbouten en meetapparaten in de beveiligde MOS-werkplek is alleen met een scheidingstransformator in elk van de gebruikte apparaten mogelijk. De massa's van de meetapparaten worden eveneens met ontladingsweerstanden geaard.

2. Veilige verpakking door geleidende materialen.

Ter bescherming tegen elektrostatica worden elektrisch geleidende kunststoffen voor de verpakking en de transportmiddelen gebruikt. Geleidende kunststoffen zijn als zwarte of transparante beschermzakjes, schuimstof, folie en als container verkrijgbaar.
Gevoelige componenten mogen alleen op de beveiligde MOS-werkplek uit de verpakking worden gehaald resp.worden verpakt.

Veiligheidsinstructies/voorschriften

1. Elektronische apparaten met netvoeding en hun toebehoren mogen uitsluitend door vakkundige personen worden gereparereerd, gewijzigd en gecontroleerd.
2. De voorschriften en veiligheidsinstructies volgens VDE 0701, deel 200, en de voorschriften en veiligheidsinstructies van het desbetreffende land zijn van kracht!
3. VDE 0701, deel 200, bevat de voorschriften voor de reparatie, de wijziging en de controle van elektronische apparaten met netvoeding en hun toebehoren.
4. Voordat het toestel wordt afgeleverd, moeten het toestel en de aansluitleidingen (en voor zover aanwezig, de aarddraad) aan een visuele controle worden onderworpen en de isolatieweerstand en de reserve-lekstroom conform VDE 0701, deel 200, worden gemeten. De laagohmige doorgang van de aarddraad moet door meting volgens voorschrift VDE 0701, deel 1, worden aangetoond.
5. Tevens dienen de voorschriften van het desbetreffende land in acht te worden genomen.
6. Componenten die gekenmerkt zijn met het symbool ⚠ , mogen uitsluitend door originele reserveonderdelen worden vervangen.

Demontage van de achterwand

Om de achterwand te verwijderen, moeten de vijf schroeven **R** uit de achterwand worden gedraaid. Steek de schroevendraaier in de uitsparing **V**. Druk de vergrendeling naar beneden en schuif tegelijkertijd de achterwand naar achteren (afb. 1).

Chassis van het toestel in de reparatiestand zetten

1. Til het chassis aan de achterkant iets op en schuif het voorzichtig naar achteren uit het toestel (afb. 2).
2. Maak de kabelbevestigingen los. Draai het chassis nu 90° tegen de klok in en zet het chassis achter het toestel neer (afb. 3).
3. Na de reparatie/instelling moeten de kabels weer op de oorspronkelijke positie worden aangebracht en bevestigd.

Reparatiestand voor printplaat Signal-Board

1. Verwijder de printplaat Signal-Board van het hoofdchassis (Basic-Board); eerst moeten alle aansluitkabels worden losgetrokken.
2. Draai de vier schroeven (A) (afb. 4) uit de kunststof-AV-afdekking en wip de AV-afdekking van de printplaat Signal-Board.
3. Verwijder de metalen afdekking van de printplaat Signal-Board (afb. 5). Doe hetzelfde bij de achterste metalen afdekking (afb. 6).
4. Sluit de drie verlengkabels op de printplaat Signal-Board aan; let erop, dat de printplaat Signal-Board de printplaat Basic-Board niet raakt (afb. 7).
5. Na de reparatie/instelling moeten alle kabels weer op de oorspronkelijke positie worden aangebracht en bevestigd.

Aanwijzing:
De verlengkabels zijn als reparatie-onderdeel onder bestelnummer 291-90274.920 verkrijgbaar.

☞ Reparatie-instructie Signal - Board MediaPlus

Bij fouten op de Signal-Board gaat u als volgt te werk:

- Verwijder de EAROM (I 1891) uit de printplaat. Het toestel isnog steeds functioneel.
- Als nu een stilstaand beeld ontstaat, is de EAROM defect, (met eventuele geometriefouten wordt hierbij geen rekening gehouden).
- Als de fout blijft bestaan, ligt dat aan een andere component op de Signal-Board.
- Als u de Signal-Board bij de service-centrale Kronach wilt vervangen, plaatst u de EAROM van de defecte Signal-Board in de nieuwe. Op die manier hoeft u het toestel niet opnieuw af te stemmen en te programmeren.

Balangrijk!
Verwijder bij een defect Signal-Board de AV-afdekking.

Demontage der Rückwand
Gerätechassis in Reparaturstellung bringen

Rear panel removal
How to move the chassis into the service position

Démontage du panneau arrière
Come si porta il telaio in posizione di riparazione

Smontaggio del pannello posteriore
Châssis d'appareil en position de réparation

Desmontaje del panel posterior
Colocación del chasis del aparato en posición de reparación

Demontage van de achterwant
Chassis van het toestel in de reparatiestand zetten

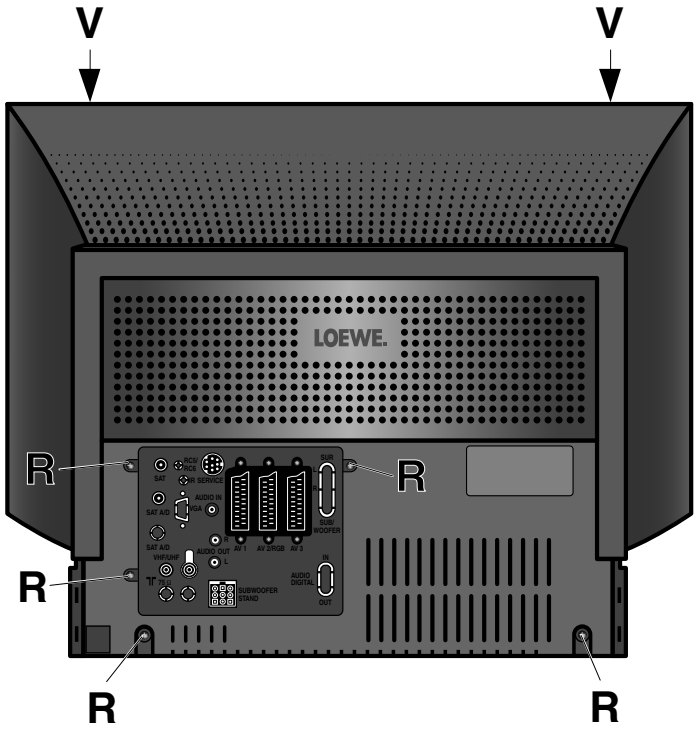


Abb.1
Fig.1
Afb. 1

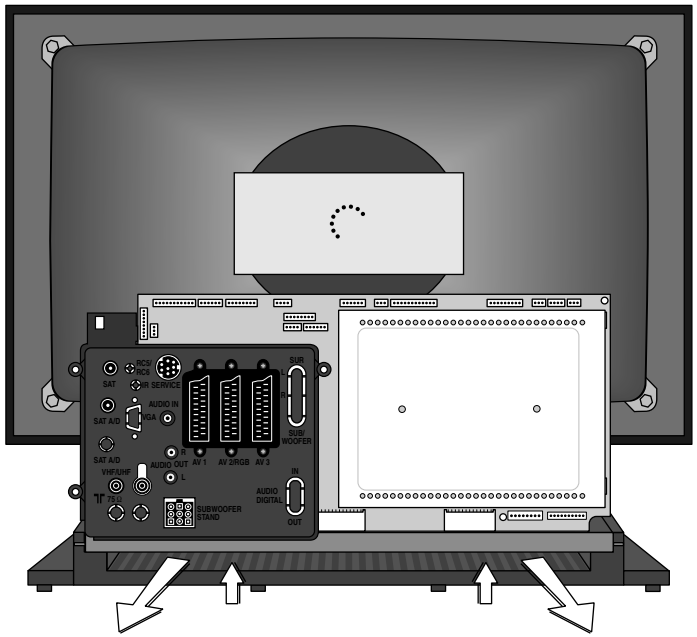


Abb.2
Fig.2
Afb. 2

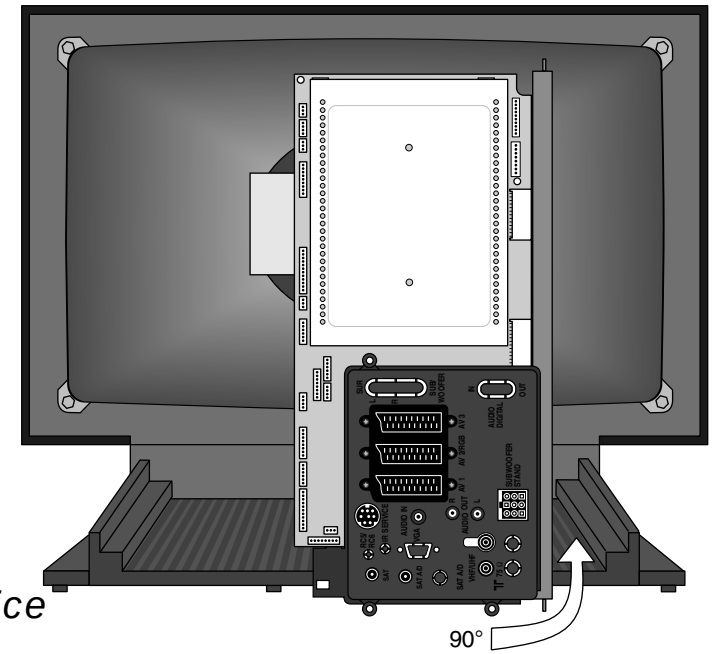


Abb.3
Fig.3
Afb. 3

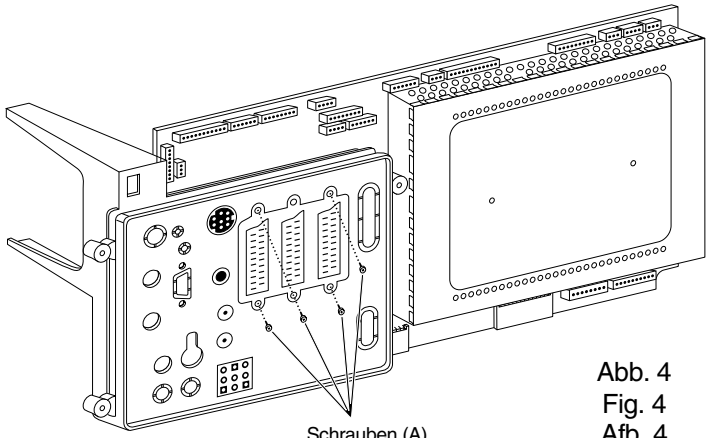
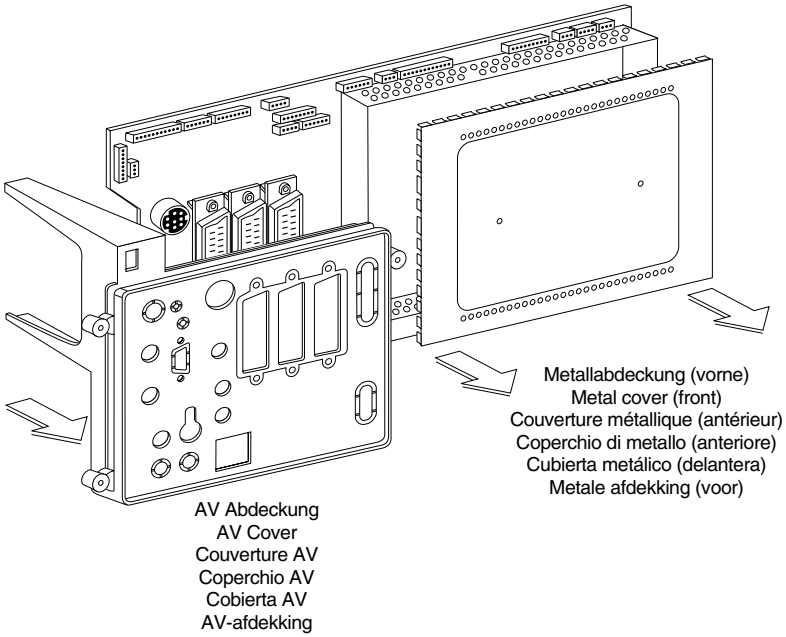


Abb. 4
Fig. 4
Afb. 4

Abb. 5
Fig. 5
Afb. 5



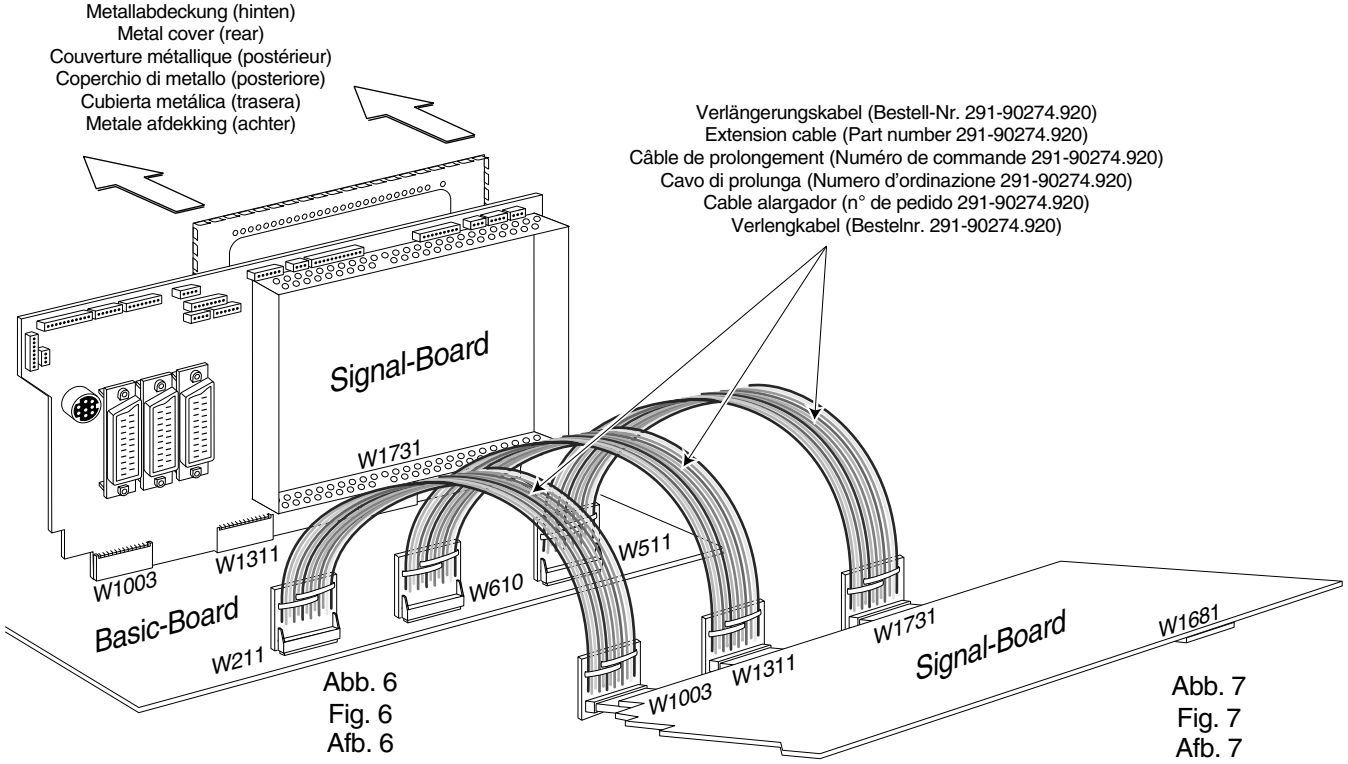
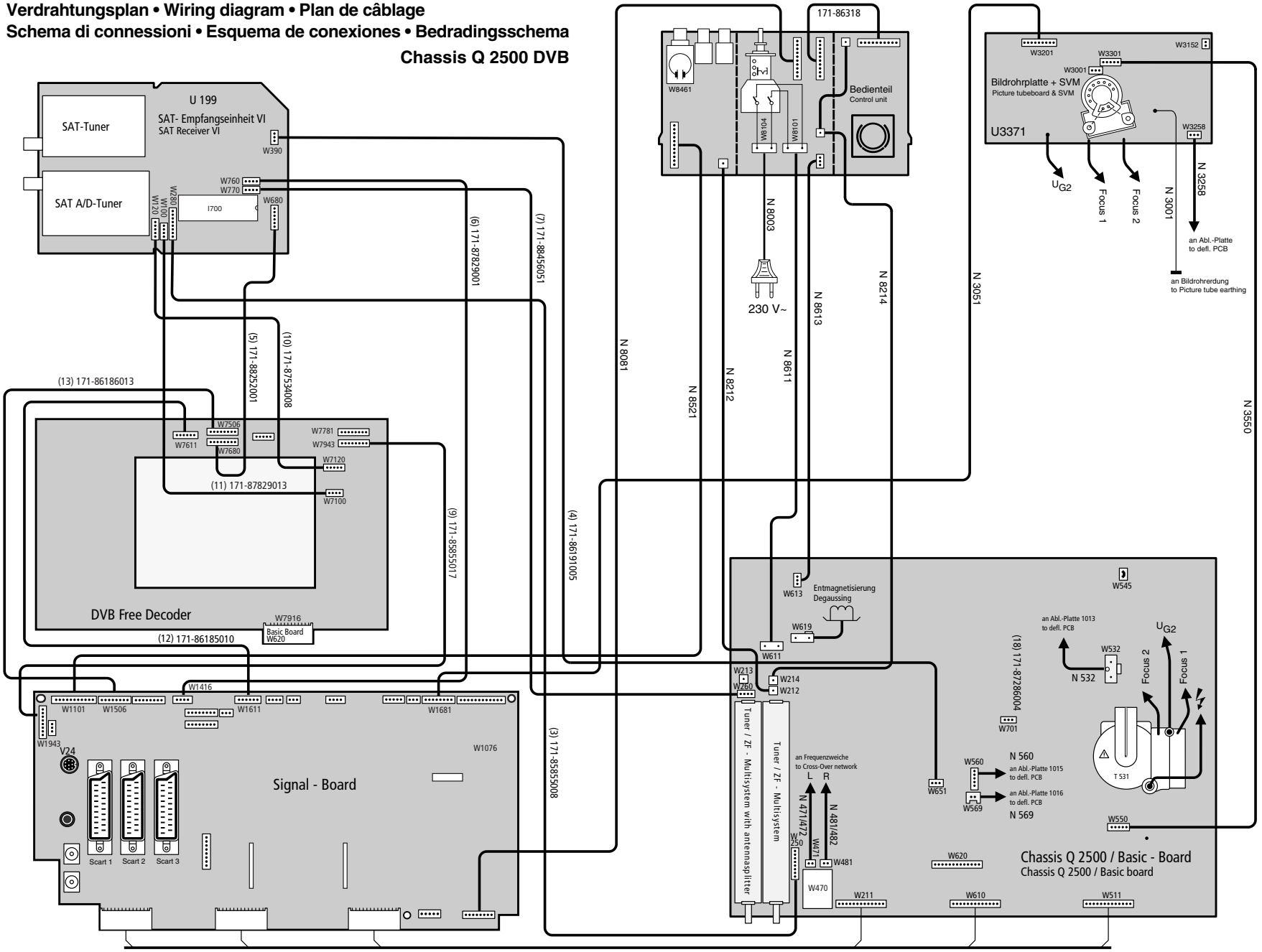


Abb. 6
Fig. 6
Afb. 6

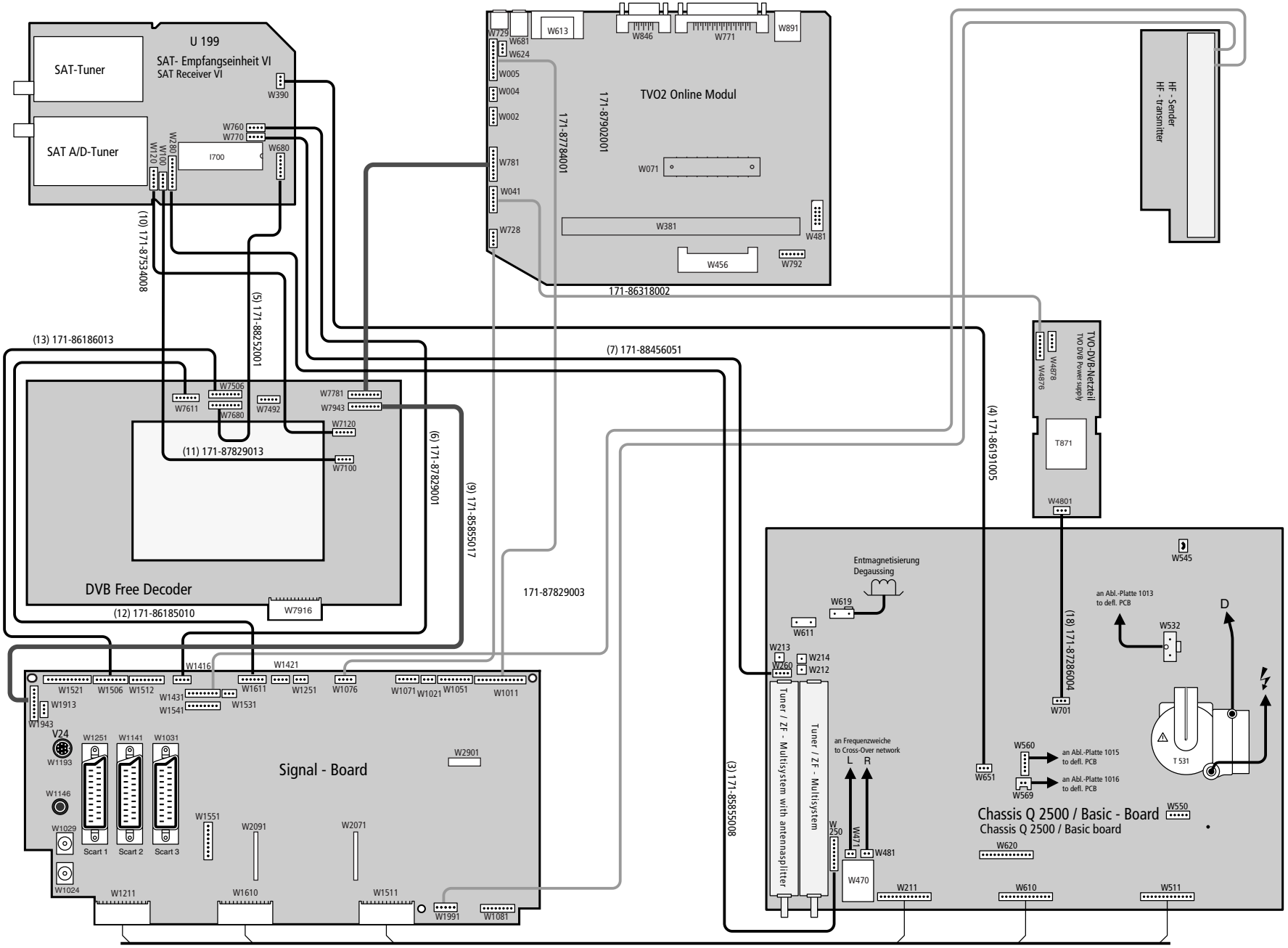
Abb. 7
Fig. 7
Afb. 7

Verdrahtungsplan • Wiring diagram • Plan de câblage
Schema di connessioni • Esquema de conexiones • Bedradingsschema

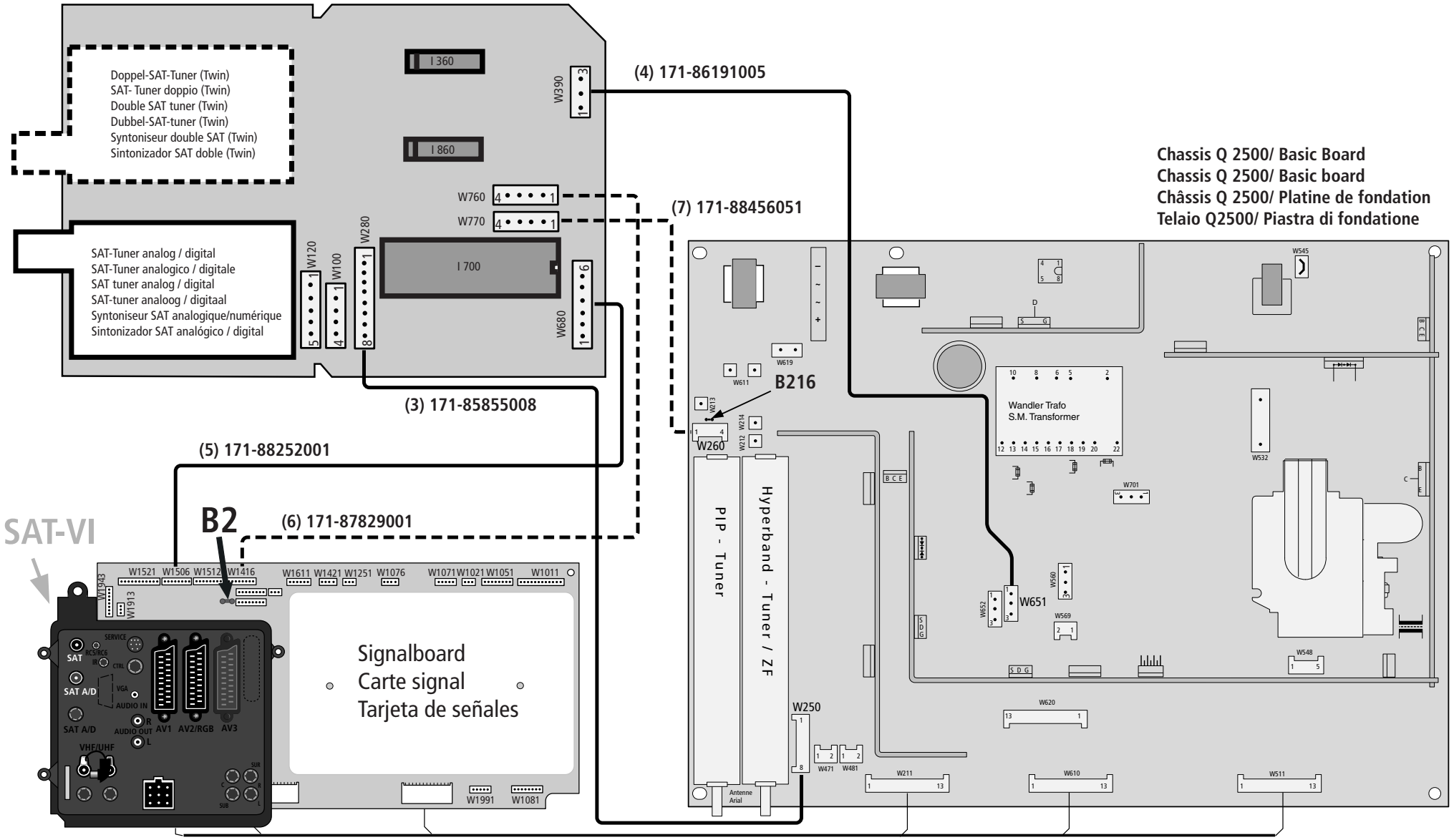
Chassis Q 2500 DVB



			61417_52	61417_62	61420_50	61420_00/60	61426_12/62	61426_52	61429L10	61430L10	61437	61438_52	61438_62
N 471	85909053	KABELBAUM 2-POL1000LG SW/GN BV171-85909								X	X		
	87428001	KABELB. 2/3-POL 1000LG SW/GN BV171-87428											
N 472	88247051	KABELB. 3/2POL 1000LG GR/WS LV171-88247	X	X	X	X	X	X	X	X	X	X	X
N 481	85909051	KABELBAUM 2-POL1000LG SW/GE BV171-85909								X	X		
	87428002	KABELB. 2/3-POL 800LG SW/GE BV171-87428											
N 482	88247053	KABELB. 3/2POL 1000LG OR/WS LV171-88247	X	X	X	X	X	X	X	X	X	X	X
N 532	87814050	KABELB.H-ABLENKUNG 550LG BV171-87814	X	X	X	X				X	X		
	87983051	KABELBAUM 2-POL 550LG H-A/UL LV171-87983					X	X					
	88214051	KABELBAUM H-ABLENKUNG 550LG LV171-88214							X			X	X
N 569	88205051	KABELBAUM V-ABLENKUNG 2-POL 550LG LV					X	X					
	88207051	KABELBAUM V-ABLENKUNG 2/3-POL. 550LG LV	X	X	X	X				X	X		
	88218051	KABELBAUM V-ABLENKUNG 2-POL. 550LG							X			X	X
N 881	87338001	KABEL IR 2POL LV 169-87338	X	X									
N3001	87838050	KABELBAUM 1-POL 400LG GRUEN BV171-87838	X	X	X	X	X	X	X	X	X	X	X
N3051	87886001	KABELBAUM 9-POL 400LG NATUR LV171-87886	X	X	X	X	X	X	X	X	X	X	X
N3258	86191006	KABELBAUM 3-POL 200LG NATUR LV171-86191					X						
	87286066	KABELBAUM 3-POL 200LG UL NAT LV						X					
	88452001	KABELBAUM 3-POL. 200LG LV171-88452	X	X	X	X				X	X		
	88481001	KABELBAUM 3/2-POL. 120LG LV171-88481							X			X	X
N3550	87534006	KABELBAUM 5-POL. 500LG NATUR		X	X		X		X	X	X		X
	87534056	KABELBAUM 5-POL 500LG UL NAT LV	X			X		X				X	
N6001	87154002	ERDUNGSBAND 600MM LG.								X	X		
	87154003	ERDUNGSBAND 770MM LG.	X	X	X	X	X	X	X			X	X
N8002	86318	KABELBAUM 6-POL. 120LG NATUR					X	X					
	86318050	KABELBAUM 6-POL 120LG UL NAT LV					X	X					
N8003	29158003	NETZKABEL DR. 3400MM 0,75 SW JST LV					X	X	X	X	X		X
N8015	87878050	MASSELEITUNG GRUEN 300LG LV171-87878			X	X	X	X	X	X		X	X
N8081	85855006	KABELBAUM 8-POL1200LG SCHW. LV171-85855			X				X	X	X		
	85855014	KABELBAUM 8-POL 700LG SCHW. LV171-85855					X	X					
	85855056	KABELBAUM 8-POL 1200LG UL SW LV	X	X		X						X	
	85855064	KABELBAUM 8-POL 700LG UL SW LV					X	X					
N8212	88211051	KABELBAUM 1-POL 800LG ESD LV171-88211					X	X					
	88211052	KABELBAUM 1-POL 650LG ESD LV171-88211	X	X	X	X					X	X	X
N8214	88211052	KABELBAUM 1-POL 650LG ESD LV171-88211			X	X			X	X			
	88211053	KABELBAUM 1-POL 500LG ESD LV171-88211					X	X					
N8521	87791001	KABELBAUM 11POL. 800LG. NATUR	X	X					X	X	X	X	X
	87791002	KABELBAUM 11-POL 600LG NATUR LV171-87791			X	X	X	X					
N8611	88204052	KABELBAUM NETZV. 2-POL 500LG SW/SW LV	X	X					X	X	X	X	X
	88204053	KABELBAUM NETZV. 2-POL 700LG SW/SW LV			X	X	X	X					
	88204062	KABELBAUM NETZV. 2-POL 500LG KPL.	X										
N8613	88355052	KABELBAUM NETZV. 3(5)-POL 600LG NAT LV	X	X	X	X			X	X	X	X	X
	88355053	KABELBAUM NETZV. 3(5)-POL 900LG NAT LV			X		X	X					


U 199
SAT- Empfangseinheit VI
SAT Receiver VI
SAT-Tuner
SAT A/D-Tuner
W390
W760
W770
W280
W100
W120
W680
I700
TVO2 Online Modul
171-87902001
171-87784001
W729
W681
W624
W005
W004
W002
W781
W041
W728
W613
W846
W771
W891
W071
W381
W481
W456
W792
171-86318002
HF - Sender
HF - transmitter
(10) 171-87534008
(5) 171-88252001
(13) 171-86186013
(7) 171-88456051
(4) 171-86191005
TVO-DVB-Netzteil
TVO DVB Power supply
W4878
W4876
T871
W4801
W7506
W7611
W7680
W7492
W7781
W7943
W7120
W7100
(11) 171-87829013
(6) 171-87829001
(9) 171-85855017
DVB Free Decoder
(12) 171-86185010
W7916
171-87829003
W1416
W1421
W1521
W1506
W1512
W1611
W1251
W1076
W1071
W1021
W1051
W1011
W1431
W1541
W1531
W1913
W1943
V24
W1193
W1251
W1141
W1031
W2901
Signal - Board
W1146
W1029
W1551
W2091
W2071
Scart 1
Scart 2
Scart 3
W1024
W1211
W1610
W1511
W1991
W1081
Entmagnetisierung
Degaussing
W619
W611
W213
W260
W214
W212
Tuner / ZF - Multisystem with antennasplitter
Tuner / ZF - Multisystem
an Frequenzweiche
to Cross-Over network
L
R
W250
W471
W481
W470
W211
W545
an Abl.-Platte 1013
to defl. PCB
W532
D
(18) 171-87286004
W701
W560
W569
an Abl.-Platte 1015
to defl. PCB
an Abl.-Platte 1016
to defl. PCB
T 531
W651
(3) 171-85855008
Chassis Q 2500 / Basic - Board
Chassis Q 2500 / Basic board
W550
W620
W610
W511

SAT/Twin-SAT-Nachrüstsatz VI
SAT retrofit kit VI
Lot deraltrapage SAT VI
Kit di equipaggiamento successivo SAT VI



Anordnung der SERVICE-Mode-Befehle auf der Fernbedienung
Arrangement of the SERVICE Mode commands on the remote control
Arrangement des instructions du mode SERVICE sur la télécommande
Ordine dei comandi nel "modo di SERVIZIO" sul telecomando
Disposición de los comandos del modo SERVICIO en el mando a distancia
Rangschikking van de SERVICE-mode-functie's op de afstandsbediening

Einstieg in den Service-Mode

*) Funktionstaste ↻ auf der Ortsbedienung fünfmal drücken (Anzeige „Service" markiert), anschließend innerhalb 1 sec. Taste „M" auf der Fernbedienung zu drücken.

Entering Service Mode

*) On the local control press function key ↻ five times (indication "Service" will appear), afterwards within a sec. Press key "M" on the remote control.

Entrée dans le mode maintenance

*) Poussez cinq fois la touche fonction ↻ sur la commande locale (indication «Service» apparaît), après cela poussez la touche «M» sur la télécommande en une sec.

Attivazione del modo di servizio

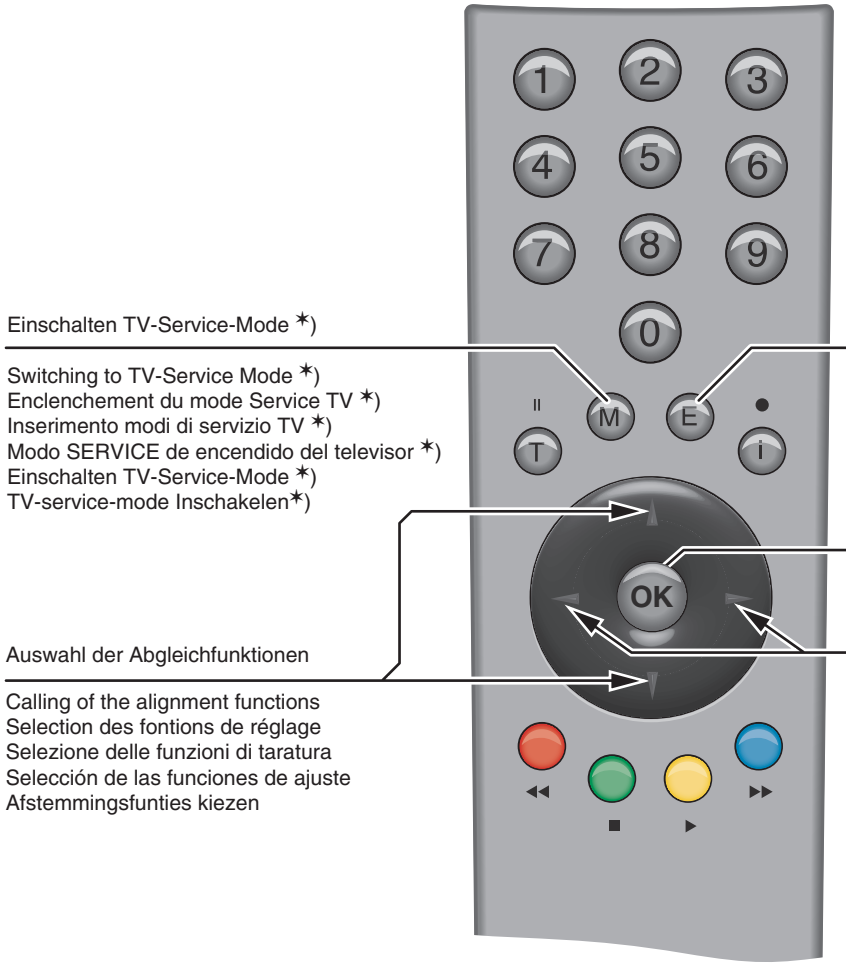
*) Sui comandi nell'apparecchio premere cinque volte il tasto funzione ↻ (indicatore „Service" appare), successivamente entro un sec. premere il tasto "M" con il telecomando.

Entrada al modo SERVICE

*) Pulsar cinco veces la tecla de función ↻ en el televisor (aparece el diálogo "Service") y a continuación pulsar el botón "M" del mando a distancia en el plazo de 1 segundo.

Overschakelen op de service-mode

*) Druk vijf keer op de functietoets ↻ op het toestel (indicatie "Service" verschijnt), druk aansluitend binnen 1 sec. op de toets "M" op de afstandsbediening.



Einschalten TV-Service-Mode *)

Switching to TV-Service Mode *)
Enclenchement du mode Service TV *)
Inserimento modi di servizio TV *)
Modo SERVICE de encendido del televisor *)
Einschalten TV-Service-Mode *)
TV-service-mode Inschakelen*)

Auswahl der Abgleichfunktionen

Calling of the alignment functions
Selection des fontions de réglage
Selezione delle funzioni di taratura
Selección de las funciones de ajuste
Afstemmingsfunties kiezen

Service Mode AUS/Off/Arrêt/Spento/Apagado
Uit
zurück in den TV-Betrieb

Return to TV operating mode
Retour au mode TV
Ritorna su TV
Vuelta al funcionamiento como televisor
Terug naar TV-weergave

Abgleichwert abspeichern

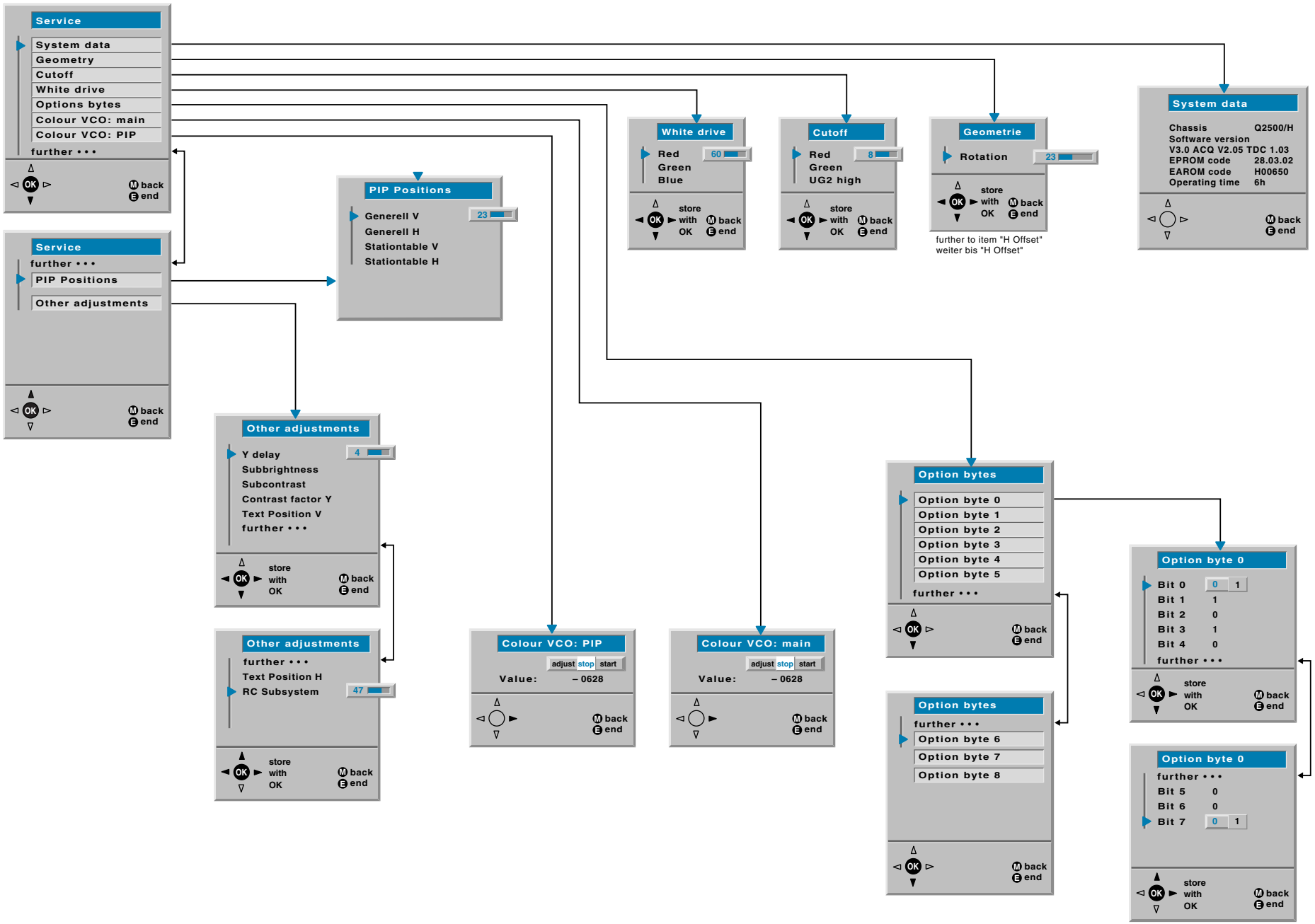
Storing of alignment value in memory
Memorisation de la valeur reglée
Memorizzazione dei valori di taratura
Memorización del valor de ajuste
Afstemmingswaarde opslaan

Abgleich der angewählten Funktionen

Alignment of the function called
Réglage de la fonction selectionnée
Regolazione della funzione selezionata
Comprobación de las funciones seleccionadas
Geselecteerde functies afstemmen

MC-Service

Service Menü • Service menu • Menu de service • Menu di servizio • Menú SERVICE • Service menu (MediaPlus)



(D)

Abgleich-Anweisung

Service-Mode MediaPlus 30.10.99

1. Funktion

Der Service-Mode macht den Abgleich variabler EAROM-Werte möglich und gestattet die Geräteprogrammierung über Service-Schnittstelle mittels PC/TV-Programmer. Der PC/TV-Programmer verbindet einen vorhanden PC über V24 mit der Service-Schnittstelle vom TV. Mit Hilfe der beiliegenden Software ist es dem Außendienstmitarbeiter möglich, eine für seinen Bezirk übliche Standard-Geräteprogrammierung (Kanalnummern, Programmnamen z.B. im Bereich von Kabelnetzen) in wenigen Sekunden mühelos und fehlerfrei durchzuführen. Auch kann damit das EAROM editiert und als Datei im PC abgespeichert werden.

Achtung!

Ein Software-Update für das Digital/TV - Board (DVB) ist **nur** über den PC/TV-Programmer möglich!

Den PC/TV-Programmer (Art.-Nr. 87933-050) beziehen Sie bitte über die Loewe-Kundendienstzentrale Kronach.

Der PC/TV-Programmer ist für die Chassisgeneration MediaPlus (Q 2400 / Q 2500) und folgende vorgesehen. Für ältere Chassisgenerationen ist er nicht verwendbar.

Eine detaillierte Gebrauchsanweisung liegt dieser nützlichen Servicehilfe bei, so daß an dieser Stelle nähere Ausführungen entfallen können.

Die PC/TV-Programmer Software V2.6 wird für Chassis Q 2500 zwingend benötigt. Die SW-Version V2.6 ist abwärtskompatibel und bedient somit auch das Chassis Q 2400. Update auf V2.6 über ISDN-InfoTip und Ftp-Server - siehe TK-Info Nr. 2001/4 - möglich. ftp.//ftp.loewe/public/TKService/Software/

2. Einstieg in den Service-Mode

Die Einstellfolge für den Service-Mode entnehmen Sie bitte vom Text des Bildes: „Anordnung der Service-Mode Befehle auf der Fernbedienung" (S. 25). Befindet sich nun das Gerät in der Service-Mode-Grundeinstellung , wird dies mit folgender OSD-Einblendung (Service-Menü) dokumentiert.

3. Hinweise zum Geometrieabgleich

Vertikalamplitude, Vertikal-Position, V-Linearität, V-Symmetrie, Horizontal-Amplitude, H-Phase, Ost/West , Trapez usw.
werden getrennt für 50/60Hz Bildfrequenzen abgespeichert und müssen deshalb getrennt eingestellt werden:

Bildröhre:	4:3	16:9
	Testbild:	Testbild:
- 50Hz	4:3	16:9
- 60Hz	4:3	16:9

(GB)

Adjustment procedures

Service-Mode MediaPlus 30.10.99

1. Function

Service mode enables the comparison of EAROM variables and permits unit programming via the service interface using a PC/TV programmer. The PC/TV programmer connects an available PC to the service interface of the TV via V24. Using the software provided, the service representative can easily perform the standard unit programming required for his region (channel numbers, program names, e.g. for cable networks) within seconds. This can also be used to edit and save EAROM as a file on the PC.

Important

A software update for the digital/TV board (DVB) is **only** possible via the PC/TV programmer.

The PC/TV programmer is available from the Loewe customer service centre in Kronach (Item No. 87933-050).

The PC/TV programmer is intended for the MediaPlus chassis generation (Q 2400 / Q 2500) and subsequent generations. It is not suitable for older chassis generations.

No further explanations are required at this point, since detailed operating instructions are provided with this useful service facility.

The PC/TV Programmer software V2.6 is absolutely essential for chassis Q 2500. The SW version V2.6 is downward-compatible and therefore also operates chassis Q 2400. Update to V2.6 possible with ISDN-InfoTip and Ftp server – see TK Info no. 2001/4. ftp.//ftp.loewe/public/TKService/Software/

2. Entering Service Mode

The Adjustment sequence for the service mode is indicated in the pictures: "Arrangement of the service mode commands on the remote control" (p. 25). The set is now in the service mode basic routine and documents this with the following on-screen display (Servicem menu).

3. Instructions on Geometry Alignment

Vertical amplitude, Vertical position, Vertical linearity, Vertical symmetrie, Hor. amplitude, Hor. phase, E-W corr., Trapezium comp., etc will be adjustet separately for 50/60Hz vertical frequencies. Therefore they have to be regulated separately.

CRT:	4:3	16:9
	Test pattern:	Test pattern:
- 50Hz	4:3	16:9
- 60Hz	4:3	16:9

(F)

Instructions d'alignement

Service-Mode MediaPlus 30.10.99

1. Fonction

Le mode Service permet l'alignement des valeurs variables de l'EAROM ainsi que la programmation de l'appareil via l'interface de service, grâce au programmateur PC/TV. Le programmateur PC/TV permet de relier un PC à l'interface de service du téléviseur via V24. Grâce au logiciel fourni, le technicien d'entretien peut procéder à une programmation standard de l'appareil en quelques secondes et sans difficulté ni risque d'erreur (numéro de canal, nom du programme, p. ex. réseaux de câbles). L'EAROM peut alors être également éditée et sauvegardée comme fichier sur le PC.

Attention !

La mise à jour du logiciel de la carte numérique/TV (DVB) n'est possible **que** via le programmateur PC/TV !

Le programmateur PC/TV (réf. 87933-050) est disponible auprès du service après-vente Loewe de Kronach.

Le programmateur PC/TV est conçu pour la génération de châssis MediaPlus (Q 2400 / Q 2500) et suivantes. Il ne peut être utilisé avec les générations de châssis antérieures.

La présente documentation de service après-vente inclut une notice d'utilisation détaillée, ce qui rend superflue toute explication détaillée ici.

Le logiciel V2.6 de programmation PC/TV doit être impérativement utilisé sur le châssis Q2500. Compatible en aval, la version V2.6 est également adaptée pour le châssis Q 2400. Une mise à jour de V2.6 est possible via ISDN-InfoTip et Ftp-Server – voir TK-Info n°2001/4. ftp.//ftp.loewe/public/TKService/Software/

2. Entrée dans le mode maintenance

La série des réglages en mode service vous est donnée par le texte de l'image: "Arrangement des instructions du mode service sur la télécommande" (p. 25). L'appareil se trouve alors en position de base du service maintenance et le documente par la superposition OSD (Menu de service) suivante.

3. Remarques concernant l'alignement de la géométrie

Ampl. verticale, Position verticale, Linéarité verticale, Symétrie verticale, Ampl. horizontale, phase horizontale, Correction E-O , Correction trapéze etc sont mémorisés séparément pour les fréquences d'image 50/60Hz et doivent donc être réglés séparément.

Écran:	4:3	16:9
	Mire de couleur:	Mire de couleur:
- 50Hz	4:3	16:9
- 60Hz	4:3	16:9

(I)

Istruzioni Allineamento

Service-Mode MediaPlus 30.10.99

1. Funzione

La modalità Servizio consente la verifica di valori EAROM variabili e consente la programmazione dell'apparecchio tramite l'interfaccia di servizio e mediante il programmatore PC/TV. Tale programmatore collega un PC tramite l'interfaccia di servizio V24 della TV. Con l'ausilio del software è possibile per un dipendente in servizio esterno eseguire per la sua zona la normale programmazione standard dell'apparecchio (numeri canale, nomi di programma, ad es. nell'ambito di reti elettriche) in pochi secondi e senza troppe difficoltà o errori. Anche l'EAROM può essere editato in questo modo e memorizzato come file nel PC.

Attenzione!

Un aggiornamento del software della scheda digitale/TV (DVB) è possibile **solo** tramite il programmatore PC/TV!

Potete ordinare il programmatore PC/TV (no. art. 87933-050) presso il servizio assistenza clienti centrale Loewe di Kronach.

Il programmatore PC/TV è previsto per la generazione di telai MediaPlus (Q 2400 / Q 2500) e seguenti. Esso non è utilizzabile per generazioni di telai precedenti.

Sono allegate a queste istruzioni per l'uso Istruzioni dettagliate di assistenza; è possibile pertanto tralasciare in questa sede spiegazioni più dettagliate.

Il software programmatore PC/TV V2.6 per chassis Q 2500 è assolutamente necessario. La versione SW V2.6 è compatibile verso l'alto e quindi comanda anche chassis Q 2400. Aggiornamento possibile su V2.6 mediante ISDN-Info Tip e server Ftp – vedi TK-Info n° 2001/4.
ftp.//ftp.loewe/public/TKService/Software/

2. Attivazione del modo di servizio

L'ordine del lavori di regolazione nel modo di servizio - riportato nel testo del quadro "Ordine dei comandi di servizio sul telecomando" (p. 25).

Adesso l'apparecchio si trova in modalità Service - Posizione iniziale il che viene dimostrato dal seguente messaggio OSD (Menu di servizio).

3. Istruzione per l'allineamento geometrico

Ampiezza verticale, Posizione verticale, Linearita verticale, Simmetria verticale, Ampiezza orizzontale, Fase orizzontale, E-O, Correz. trapezoidale etc vengono memorizzati separatamente per le frequenze d'immagine 50/60Hz e quindi si devono impostare a parte.

Cinescopio:	4:3	16:9
	Immagine di prova:	Immagine di prova:
- 50Hz	4:3	16:9
- 60Hz	4:3	16:9

(E)

Instrucciones de ajuste

Modo Service MediaPlus 30.10.99

1. Funcionamiento

El modo de servicio posibilita el ajuste de los valores variables EAROM y permite la programación de los aparatos a través de la interfaz de servicio, mediante el programador PC/TV. El programador PC/TV conecta un PC ya montado en 24V con la interfaz de servicio del televisor. El técnico de servicio exterior de posventa puede, gracias al software suministrado, realizar en pocos segundos, sin esfuerzo y sin errores una programación de aparatos corriente en su región (números de canal, nombres de programas, p.ej. en el área de las redes de cables). También se puede editar el EAROM y se puede guardar como archivo en el PC.

¡Atención!

La actualización del software para la tarjeta digital/TV (DVB) **sólo** es realizable con el programador PC/TV.

Para adquirir el programador PC/TV (nº. art.: 87933-050) diríjase a la central de servicio al cliente de Loewe en Kronach.

El programador PC/TV está previsto para la generación del chasis MediaPlus (Q 2400 / Q 2500) y las siguientes. Sin embargo no se puede utilizar para las generaciones de chasis más antiguas.

Esta útil ayuda de servicio viene acompañada de un consejo de utilización en detalle, de manera que en este punto no merece detenerse en dar más explicaciones.

El software V2.6 de programación de PC/TV es imprescindible para el chasis Q 2500. La versión V2.6 del software es compatible con versiones anteriores, por lo que también puede utilizarse con el chasis Q 2400. La actualización a la versión V2.6 es posible a través de ISDN-InfoTip y del servidor FTP (véase TK-Info, n° 2001/4). ftp.//ftp.loewe/public/TKService/Software/

2. Entrada al modo Service

Consulte los pasos para acceder al modo Service en los textos de la figura "Disposición de los comandos del modo SERVICE en el mando a distancia" (pág. 25). Cuando el aparato pasa al modo Service básico, aparece la siguiente sobreimpresión OSD (Menú servico).

3. Notas para el ajuste geométrico

Los valores de amplitud vertical, posición vertical, linealidad vertical, simetría vertical, amplitud horizontal, fase horizontal, Este/Oeste, trapezoide, etc., se memorizan por separado para las frecuencias de imagen de 50/60 Hz y por ello deben ajustarse individualmente.

Tupo de imagen:	4:3	16:9
	Carta de ajuste:	Carta de ajuste:
- 50Hz	4:3	16:9
- 60Hz	4:3	16:9

(NL)

Afstemmeingsinstructie

Service mode MediaPlus 30.10.99

1. Functie

In de service-mode kunnen variabele EAROM-waarden afgestemd en kan het toestel via de service-interface door middel van de PC/TV-programmer worden geprogrammeerd. De PC/TV-programmer verbindt een pc via V24 met de service-interface van de TV. Met behulp van de meegeleverde software kan de buitendienstmedewerker moeiteloos in enkele seconden een voor zijn gebied gebruikelijke foutloze standaardprogrammering van het toestel (kanaalnummers, zendernamen bijv. bij kabelnetten) uitvoeren. Ook kunnen hiermee de gegevens van het EAROM worden bewerkt en als bestand op de pc worden opgeslagen.

Let op!

Een software-update voor het Digital/TV - Board (DVB) is **uitsluitend** via de PC/TV-programmer mogelijk!

De PC/TV-programmer (art.nr. 87933-050) is te bestellen bij de Loewe-Klantenservice in Kronach.

De PC/TV-programmer is ontworpen voor chassisgeneraties vanaf MediaPlus (Q 2400 / Q 2500). De programmer is niet geschikt voor oudere chassisgeneraties.

Deze handige servicehulp wordt geleverd met een gedetailleerde gebruiksaanwijzing. Daarom wordt hier in de servicehulp niet verder op ingegaan.

De PC/TV-programmeersoftware V2.6 is voor het chassistype Q 2600 absoluut vereist. Programmaversie V2.6 is compatibel met oudere chassistypes en kan dus ook worden gebruikt voor het bedienen van chassistype Q 2400. Updaten naar V2.6 is mogelijk via ISDN-InfoTip en via de FTP-server - zie TK-info nr. 2001/4. ftp.//ftp.loewe/public/TKService/Software/

2. Omschakelen op service mode

Hoe u de service mode instelt, wordt beschreven bij de afbeelding: "Rangschikking van de service mode-functie's op de afstandsbediening" (zie pagina 25).

Als het toestel zich nu in de basisinstelling van de service mode bevindt, verschijnt de volgende tekst op het beeldscherm(Sevice menu).

3. Aanwijzingen voor het afstemmen van de geometrie

Verticale amplitude, verticale stand, V-lineariteit, V-symmetrie, horizontale amplitude, H-fase, oost/west , trapezium, enz.

worden afzonderlijk voor 50/60Hz beeldfrequenties opgeslagen en moeten daarom afzonderlijk worden ingesteld:

Beeldbuis:	4:3	16:9
	Testbeeld:	Testbeeld:
- 50Hz	4:3	16:9
- 60Hz	4:3	16:9

Ⓓ **4. Abgleichfunktionen (0-12)**

ⒼⒷ **4. Alignment functions (0-12)**

Ⓕ **4. Fonctions d'alignement (0-12)**

	Abgleichfunktion Alignment functions Fonction d'alignement	**Anzeige - Bildschirm z.B. Display - Screen e.g. Affichage écran p.ex.**	**Einstellwerte / Besonderheiten Settings / special features Valeurs de réglage / Particularités**
0	Bild drehen Rotate picture Rotation de l'image	Geometrie Rotation xxx	Bei Geräten mit Rotationsspule kann das Bild gedreht werden. Optionale Einstellung The picture can be rotated in sets with rotation coil. Optimum setting La rotation de l'image est possible sur les appareils équipés d'une bobine de rotation. Réglage optimal
1	V Slope	Geometrie V Slope xxx	Parameter so abgleichen, daß das Video ab der Bildmitte ausgetastet wird. Adjust the parameters so that the video is blanked from the centre of the picture. Equilibrer les paramètres de manière à ce que la vidéo soit supprimée à partir du centre de l'image.
2	Vertikal-Amplitude Vertical Amplitude Amplitude Vertical	Geometrie V Amplitude xxx	Optimale Einstellung Optimum setting Réglage optimal FuBK-Farbtestbild Color test pattern (FuBK) Mire de couleur (FuBK)
3	Vertikal-Lage Vertical Position Position Vertical	Geometrie V Position xxx	
4	Vertikal-Symmetrie Vertical Symmetry Symétrie Vertical	Geometrie S Gorvektion xxx	
5	Horizontal-Amplitude Horizontal Amplitude Amplitude Horizontal	Geometrie H Amplitude xxx	
6	Horizontal-Lage Horizontal Position Position Horizontal	Geometrie H Position xxx	Getrennte Einstellungen für die verschiedenen Bildformate (Zoom, Cinema..). Separate settings for different picture formats (zoom, cinema etc…). Réglages séparés pour les différents formats d'image (zoom, cinéma..).
7	OW-Amplitude EW Amplitude Amplitude EO	Geometrie EW Amplit. xxx	Optimale Einstellung Optimum settings Réglage optimal
8	OW oben EW upper En haut EO	Geometrie EW Upper xxx	
9	OW unten EW lower en bas EO	Geometrie EW Lower xxx	
10	Trapez-Korrektur Trapezium Correction Correction Trapéze	Geometrie Trapezium xxx	
11	Vertikal Bogen Vertical Bow Arc Verticale	Geometrie V Bow xxx	
12	Vertikal Winkel Vertical Angle Angle Vertical	Geometrie V Angle xxx	

(I) **4. Funzioni d'allineamento (0-12)**

(E) **4. Funciónes de ajuste (0-12)**

(NL) **4. Afstemmingsfuncties (0-12)**

Funzione d'allineamento Funciónes de ajuste Afstemmingsfunctie		**Indicatore schermo p.es. Indicación - p.ej.: pantella Weergave - Beeldbuis bijv.**	**Particolarita della posizionatura / Valori di pos. Valores de ajuste / Observaciones Instelwaarden / Bijzonderheden**
0	Girare l'immagine Rotar la imagen Beeld draaien	Geometrie Rotation xxx	Negli apparecchiu con bobina di rotazione è possibile girare l'immagine. Regolazione ottimale En los aparatos que dispongan de una bobina rotatoria, se podrá rotar la imagen. Ajuste óptimo Bij toestellen met een rotatiespoel kan het beeld gedraaid worden. Optimale instelling
1	V Slope	Geometrie V Slope xxx	Sintonizzare i parametri in modo tale che il video venga soppresso a partire dal centro dell'immagine. Calibrar los parámetros de manera que el vídeo se muestree a partir del centro de la imagen. Stel de parameters zo in dat de video vanuit het midden van het beeld wordt afgetast.
2	Ampiezza Verticale Amplitud Vertical Verticale Amplitude	Geometrie V Amplitude xxx	Regolazione ottimale Ajuste óptimo Optimale instelling Imagine di prova colore (FuBK) Carta de ajuste en color FuBK Kleurentestbeeld (FuBK)
3	Posizione Verticale Posición Vertical Verticale Stand	Geometrie V Position xxx	
4	Simmetria Verticale Simetriá Vertical Verticale Symmetrie	Geometrie S Gorvektion xxx	
5	Ampiezza Orizzontale Amplitud Horizontal Horizontale Amplitude	Geometrie H Amplitude xxx	
6	Posizione Orizzontale Posición Horizontal Horizontale Stand	Geometrie H Position xxx	Impostazioni separate per i diversi formati immagine (zoom, cinema..). Ajustes independientes para los distintos formatos de imagen (Zoom, Cinema, ...) Verschillende instellingen voor de verschillende beeldformaten (zoom, cinema..).
7	Ampiezza EO Amplitud EO OW Amplitude	Geometrie EW Amplit. xxx	Regolazione ottimale Ajuste óptimo Optimale instelling
8	Sopra EO Arriba EO OW boven	Geometrie EW Upper xxx	
9	Giù EO Abajo EO OW onder	Geometrie EW Lower xxx	
10	Correz. Trapezoidale Corrección de Trapezoide Trapezium Correctie	Geometrie Trapezium xxx	
11	Argo Verticale Argo Vertical Verticaal Boog	Geometrie V Bow xxx	
12	Angolo Verticale Angulo Verticale Verticaal Hoek	Geometrie V Angle xxx	

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5. Abgleichfunktionen (13-16)

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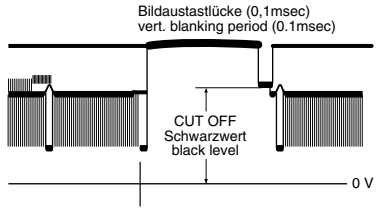
5. Alignment functions (13-16)

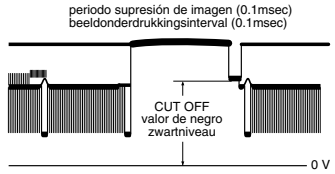
Abgleichfunktion **Alignment functions**		**Anzeige - Bildschirm z.B.** **Display - Screen e.g.**	**Einstellwerte / Besonderheiten** **Settings / special features**
13	Horizontal Offset	Geometrie H Offset xxx	Bild auf Mittelposition abgleichen, d. h. der Rand auf beiden Seiten soll gleiche Breite haben. Adjust the picture to the centre position, i.e. the edge should have the same width on both sides.
14a	Cutoff-Meßimpuls Cutoff Measuring Pulse	Cutoff Red xxx Green xxx Blue xxx	An den Farbendstufen messen (MP 1,2,3), welche die höchste Spannung zeigt. Mit Ug2-Regler im DST oder Reglerblock einstellen: Cutoff = 148 ± 2,5V DC (für Aconda 93102 Cutoff = 158 ± 2,5V) [Vor dieser Einstellung muß Kontrast auf 50, Helligkeit auf 23, Farbsättigung auf 32, Schärfe auf 3 und DNR auf EIN eingestellt werden. Für alle 2 Farben muß Cutoff auf 10 und Weißwert (14) auf 32 stehen! Für 16:9 Geräte muß 16:9 eingeschaltet sein.] Measure the colour output stages (MP 1,2,3) to see which shows the highest tension. With the Ug2 adjuster in DST or adjusting pad, make the following setting: cutoff = 148 ± 2.5 V DC (at Aconda 93102 Cutoff = 158 ± 2,5V) [before making this setting, the contrast must be set to 50, brightness to 23, colour saturation to 32, sharpness to 3 and DNR to ON). For both colours, the cutoff must be 10 and white level (14) must be 32! Regarding 16:9 sets, the 16:9 feature must be activated.] 
14b	Cutoff-Referenzwert Cutoff Reference Value	Cutoff Red xxx Green xxx	In der Graufläche die beiden fehlenden Farben soweit erhöhen, bis Normschwarz erscheint, anschließend mit Taste ”OK” abspeichern. Im VGA-Modus ist Abgleich mit VGA-Testbild zu wiederholen. In the grey area rise the missing two colours until black becomes standard, then store these values with ”OK” key. Adjustment with VGA test picture must be repeated in VGA mode.
15	Weißwert White Level	White drive Red xxx Green xxx Blue xxx	In der Weißfläche die beiden schwachen Farben soweit erhöhen, bis Normweiß erscheint, jeweils Werte mit Taste ”OK” abspeichern. Im VGA-Modus ist Abgleich mit VGA-Testbild zu wiederholen. Increase both faint colours in the white surface until standard white appears and save each setting by pressing “OK”. Adjustment with VGA test picture must be repeated in VGA mode.
16	Option bytes	Option byte 0 - 8 Bit 7 6 5 4 3 2 1 0 x x x x x x x x	Achtung! Hier nur Eingaben machen und Speicherung vornehmen a) im notwendigen Reparaturfall b) bei gewünschten Programm-/Normänderung: Abgleichart siehe Option Bytes Tabelle Caution! Here inputs and memorizing: a) in the event of necessary repairs b) if you wish to alter programs/norms For alignment method see Option Bytes Table *MC-Service*

(E)

5. Funciónes de ajuste (13-16)

(NL)

5. Afstemmingsfuncties (13-16)

Funciónes de ajuste **Afstemmingsfunctie**		**Indicación - p.ej.: pantella** **Weergave - Beeldbuis bijv.**	**Valores de ajuste / Observaciones** **Instelwaarden / Bijzonderheden**
13	Horizontal Offset	Geometrie H Offset xxx	Calibrar la imagen a la posición media; eso significa que el borde tiene que tener el mismo ancho a ambos lados. Regel het beeld zo af dat het zich in het midden bevindt, d.w.z. de randen aan weerszijden moeten even breed zijn.
14a	Impulso de medición Cutoff Cutoff-Meetimpuls	Cutoff Red xxx Green xxx Blue xxx	Medir en los pasos finales de color (MP 1,2,3) cuál es el que muestra la mayor tensión. Ajustar con el regulador Ug2 en DST o bloque regulador: Cutoff = 148 ± 2,5 V DC (Aconda 93102 Cutoff=158 ± 2,5V) [Antes de realizar este ajuste se tiene que ajustar el contraste en 50, el brillo en 23, la saturación de color en 32, la claridad en 3 y DNR en Sí. ¡Cada dos colores el Cutoff tiene que estar en 10 y el valor de blanco (14) en 32! Para aparatos 16:9 tiene que estar conmutado 16:9.] Meet welke kleureneindtrap (MP 1, 2, 3) de hoogste spanning heeft. Stel met de Ug2-regelaar in de DST of het controllerblok in: cutoff = 148 ± 2,5 V DC (Aconda 93102 Cutoff=158 ± 2,5V) [hiervoor moet het contrast worden ingesteld op 50, de helderheid op 23, de kleurverzadiging op 32, de scherpte op 3 en DNR op AAN. Voor beide kleuren moet cutoff op 10 en de witwaarde (14) op 32 staan! Voor 16:9-toestellen moet 16:9 ingeschakeld zijn.] 
14b	Valor de referencia Cutoff Cutoff-Referentiewaarde	Cutoff Red xxx Green xxx	En el área gris, incrementar los dos colores faltantes hasta que aparezca el nero normalizado. A continuación, memorizar con el botón ”OK”. En el modo VGA deberá repetirse el ajuste con la imagen de prueba VGA. Verhoog de twee ontbrekende kleuren in het grijze vlak tot normzwart verschijnt. Sla de instelling vervolgens met de toets ”OK” op. In de VGA-modus moet het beeld met behulp van het VGA-testbeeld opnieuw worden afgesteld.
15	Valor de blanco Witniveau	White drive Red xxx Green xxx Blue xxx	Aumentar en la superficie blanca los dos colores débiles hasta que aparezca el blanco normalizado, grabar respectivamente los colores con la tecla „OK“. En el modo VGA deberá repetirse el ajuste con la imagen de prueba VGA. Versterk de beide zwakke kleuren in het witte vlak zodanig, dat er normwit verschijnt. Sla de betreffende waarden met de toets „OK“ op. In de VGA-modus moet het beeld met behulp van het VGA-testbeeld opnieuw worden afgesteld.
16	Option bytes	Option byte 0 - 8 Bit 7 6 5 4 3 2 1 0 x x x x x x x x	Atención! Aquí sólo deben introducirse datos y realizar memorizaciones: a) en caso de necesitar una reparación b) para cambiar los datos de programación o la norma Para el tipo de ajuste, véase la tabla de bytes de opción Let op! Hier mogen alleen gegevens worden ingevoerd en opgeslagen a) bij een noodzakelijke reparatie b) bij een gewenste programma-/normwijziging: Afstemmingswijze zie Option Bytes-tabel

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5. Fonctions d'alignement (13-16)

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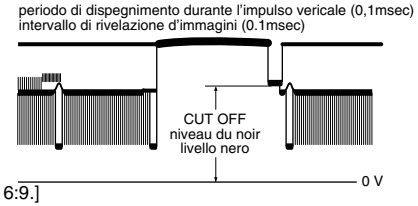
5. Funzioni d'allineamento (13-16)

Fonctions d'alignement **Funzioni d'allineamento**		**Affichage écran p.ex.** **Indicatore schermo p.es.**	**Valeurs de réglage / Particularités** **Particolarita della posizionatura / Valori di pos.**
13	Horizontal Offset	Geometrie H Offset xxx	Equilibrer l'image en position centrale, c.-à-d. que la bordure doit avoir la même largeur des deux côtés. Bilanciare l'immagine sulla posizione centrale, vale a dire che il bordo deve avere su entrambi i lati la stessa larghezza.
14a	Impulsion de mesure Cutoff Impulso di misura Cutoff	Cutoff Red xxx Green xxx Blue xxx	Mesurer aux étages de sortie de couleur (MP 1,2,3) lequel montre la tension la plus élevée. Avec le régulateur Ug2 dans le DST ou le bloc régulateur, régler: cutoff = 148 ± 2,5V CC (Aconda 93102 Cutoff =158 ± 2,5V) [Avant ce réglage, le contraste doit être réglé sur 50, la luminosité sur 23, la saturation des couleurs sur 32, la netteté sur 3 et le DNR sur EIN (MARCHE). Pour les 2 couleurs, le cutoff doit être sur 10 et la valeur de blanc (14) sur 32 ! Pour les appareils 16:9, 16:9 doit être activé.] Misurare con gli stadi di uscita del colore (MP 1,2,3), quale di essi presenta la tensione più elevata. Regolare con il regolatore Ug2 nel DST o con il blocco di regolazione: Cutoff = 148 ± 2,5V DC (Aconda 93102 Cutoff =158 ± 2,5V) [Prima di questa impostazione il contrasto va impostato su 50, la luminosità su 23, la saturazione cromatica su 32, la nitidezza su 3 e il DNR su ON. Per tutti i 2 colori il Cutoff deve essere posto su 10 e il livello del bianco (14) su 32! Per apparecchi 16:9 bisogna attivare il 16:9.] 
14b	Valeur de référence Cutoff Valore di riferimento Cutoff	Cutoff Red xxx Green xxx	Dans la surface grise, augmenter les deux couleurs faibles jusqu'à ce que le noir normal apparaisse, puis mémoriser avec la touche "OK". En mode VGA, il faut procéder une nouvelle fois au réglage sur la mire VGA. Nella superficie grigia, aumentare i due colori più deboli fino a far apparire il nero di norma. Poi memorizzare con il tasto "OK". In modalità VGA va ripetuta la regolazione con immagine di prova VGA.
15	Valeur du blanc Livello bianco	White drive Red xxx Green xxx Blue xxx	Dans la surface des blancs, augmenter les deux couleurs faibles jusqu'à ce que le blanc normalisé apparaisse; enregistrer les valeurs respectives avec la touche "OK". En mode VGA, il faut procéder une nouvelle fois au réglage sur la mire VGA. Aumentare nella superficie del bianco i due colori deboli finché non compare bianco standard, e memorizzare i valori premendo sempre il tasto "OK". In modalità VGA va ripetuta la regolazione con immagine di prova VGA.
16	Option bytes	Option byte 0 - 8 Bit 7 6 5 4 3 2 1 0 x x x x x x x x	Attention! Ne faire ici que des entrées et procéder à la mémorisation: a) dans le cas où réparation est nécessaire b) dans le cas d'une modification de programme/norme souhaitée Genre d'alignement, voir tableau des bytes d'option Attenzione Qui effettuare solo ingressi e memorizzazioni:! a) in caso di necessita di riparazione b) per modifiche di programma/norma Per il tipo di sintonia vedi l'opzione tabella bytes *MC-Service*

(D)

6. Abgleichfunktionen (17-29)

(GB)

6. Alignment functions (17-29)

Abgleichfunktion Alignment functions		Anzeige - Bildschirm z.B. Display - Screen e.g.	Einstellwerte / Besonderheiten Settings / special features
17	Farbhilfsträger-Osz. Subcarrier Osc.	Colour VCO: main stop start	Autom. Abgleich Autom. adjustment
18	Farbhilfsträger-Osz. Subcarrier Osc.	Colour VCO: PIP	Manueller Abgleich, Schwebungsnull einstellen Manual adjustment, set floating zero
19	Vertikal-Lage PiP Vertikal Pos. PiP	PiP position General V xxx	Optimale Einstellung im Hauptbild. Optimum setting in the main picture.
20	Horizontal-Lage PiP Horizontal Pos. PiP	PiP position General H xxx	
21	Vertikal-Lage PiP Vertikal Pos. PiP	PiP position Stationtable V xxx	Optimale Einstellung in der Programmübersicht. Optimum setting in the channel overview.
22	Horizontal-Lage PiP Horizontal Pos. PiP	PiP position Stationtable H xxx	
23	Y-Verzögerung Y Delay	Other adjustments Y delay xxx	Optimale Einstellung (getrennt für PAL, NTSC, SECAM) Optimum setting (separate adjustments for PAL, NTSC, SECAM)
24	Helligkeits-Offset Brightness Offset	Other adjustments Subbrightness xxx	Keine Einstellung vornehmen! Don't adjust!
25	Kontrast-Steilheit Subcontrast	Other adjustments Subcontrast xxx	Mit Gittertestbild bei maximalem Kontrast, Subkontrast so einstellen, daß weiße Linien nicht übersteuern. With the screen test image in maximum contrast, adjust the subcontrast, so that the white lines are not overridden.
26	Kontrastfaktor Contrastfactor	Other adjustments Contrastfactor Y xxx	Keine Einstellungen vornehmen - Wert = 75 No setting exists – value = 75.
27	Vertikal-Lage VT Vertikal Pos. TT	Other adjustments Text Position V xxx	Optimale Einstellung Optimum settings
28	Horizontal-Lage VT Horizontal Pos. TT	Other adjustments Text Position H xxx	
29	RC-Subsystem	Other adjustments RC-Subsystem xxx	Zusätzliche RC 5-Ebene kann zugelassen werden. Additional RC 5 levels are permitted.

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6. Fonctions d'alignement (17-29)

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6. Funzioni d'allineamento (17-29)

Fonctions d'alignement **Funzioni d'allineamento**		**Affichage écran p.ex.** **Indicatore schermo p.es.**	**Valeurs de réglage / Particularités** **Particolarita della posizionatura / Valori di pos.**
17	Sous-porteuse Couleur Osc. del sottoport. colore	Colour VCO: main stop start	Alignement autom. Allineamento autom.
18	Sous-porteuse Couleur Osc. del sottoport. colore	Colour VCO: PIP	Réglage manuel de la balance, régler le zéro flottant Regolazione manuale, impostare il battimento zero
19	Position Vertical PiP Posizione Verticale PiP	Other adjustments PiP Position V xxx	Réglage optimal sur l'image principale. Impostazione ottimale nell'immagine principale.
20	Position Horizontale PiP Posizione Orizz. PiP	Other adjustments PiP Position H xxx	
21	Position Vertical PiP Posizione Verticale PiP	Other adjustments PiP Position V xxx	Réglage optimale dans l'aperçu des chaînes. Impostazione ottimale nel sommario dei programmi.
22	Position Horizontale PiP Posizione Orizz. PiP	Other adjustments PiP Position H xxx	
23	Retard Y Ritardo Y	Other adjustments Y delay xxx	Réglage optimal (réglage séparément pour PAL, NTSC, SECAM) Regolazione ottimale (regolazioni separati per PAL, NTSC, SECAM)
24	Offset luminosité Offset luminosita	Other adjustments Subbrightness xxx	N'effectuez pas de réglage! Non eseguire alcuna impostazione!
25	Sub contraste Sub contrasto	Other adjustments Subcontrast xxx	Avec la grille de test et à contraste maximum, régler le sous-contraste de manière à ce que les lignes blanches ne soient pas surmodulées. Con l'immagine di prova a griglia e contrasto massimo impostare il subcontrasto in maniera tale che le linee bianche non subiscano una distorsione.
26	OSD contraste OSD contrasto	Other adjustments OSD Contrast xxx	Ne pas régler - valeur = 75 Non effettuare nessuna impostazione - valore = 75
27	Position Vertical TT Posizione Verticale TV	Other adjustments Text Position V xxx	Réglage optimal Regolazione ottimale
28	Position Horizontal TT Posizione Orizz. TV	Other adjustments Text Position H xxx	
29	RC-Subsystem	Other adjustments RC-Subsystem xxx	Un niveau RC 5 supplémentaire est acceptable. Può essere ammesso un livello RC 5 supplementare.

(E)

6. Funciónes de ajuste (17-29)

(NL)

6. Afstemmingsfuncties (17-29)

Funciónes de ajuste **Afstemmingsfunctie**		**Indicación - p.ej.: pantella** **Beeldschermaanduiding bijv.**	**Valores de ajuste / Observaciones** **Instelwaarden / Bijzonderheden**
17	Oscilador de la subportadora de color Kleurdraaggolf-Osc.	Colour VCO: main stop start	Comprobación automática Autom. afstemming
18	Oscilador de la subportadora de color Kleurdraaggolf-Osc.	Colour VCO: PIP	Nivelación manual, ajuste del batido a cero Handmatige afstemming, zwevende nul instellen
19	Posición Vertical PiP Verticale Stand PiP	Other adjustments PiP Position V xxx	Ajuste óptimo en la imagen principal. Optimale instelling in het hoofdbeeld.
20	Posición Horizontal PiP Horizontale Stand PiP	Other adjustments PiP Position H xxx	
21	Posición Vertical PiP Verticale Stand PiP	Other adjustments PiP Position V xxx	Ajuste óptimo en el resumen de programas. Optimale instelling in het zenderoverzicht.
22	Posición Horizontal PiP Horizontale Stand PiP	Other adjustments PiP Position H xxx	
23	Retardo Y Y-Vertraging	Other adjustments Y delay xxx	Ajuste óptimo (por separado para PAL, NTSC, SECAM) Optimale instelling (gescheiden voor PAL, NTSC, SECAM)
24	Offset de brillo Helderheids-Offset	Other adjustments Subbrightness xxx	No realizar ningún ajuste! Geen instelling uitvoeren!
25	Sub contraste Contrast-Steilheid	Other adjustments Subcontrast xxx	Con la imagen de ajuste de cuadrículas en contraste máximo se ajustará el subcontraste de manera que las líneas blancas no se sobremodulen. Stel met het rastertestbeeld op maximaal contrast het subcontrast zo in dat witte lijnen niet overstuurd worden.
26	OSD Contraste OSD-Contrast	Other adjustments OSD Contrast xxx	No realizar ningún ajuste – Valor = 75. Niets instellen - waarde = 75
27	Posición Vertical TT Verticale Stand TT	Other adjustments Text Position V xxx	Ajuste óptimo Optimale instelling
28	Posición Horizontal TT Horizontale Stand TT	Other adjustments Text Position H xxx	
29	RC-Subsystem	Other adjustments RC-Subsystem xxx	El nivel suplementario RC 5 se puede autorizar. Aanvullend RC 5-niveau is toelaatbaar.

(D) **7. Abgleich analog**

(GB) **7. Analog adjustments**

(F) **7. Alignement analogique**

Abgleichfunktionen außerhalb des Service-Mode (= analoge Abgleichpunkte)
Alignment functions outside the Service Mode (= analog alignment points)
Fonctions de alignement en dehors du mode service (points d'alignement analogiques)

	Abgleich **Adjustment** **Alignement**	**Signal** **Signal** **Signal**	**Vorraussetzung** **Condition** **Condition**	**Meßpunkt** **Mst. point** **Point de mes., Indic.**	**Einstellung** **Adjustments** **Réglage**	**Einstellwerte / Besonderheiten** **Settings / special features** **Valeurs de réglage, Particularités**
1	Betriebsspannung Operating voltage Tension de service	Testbild Test pattern Mire	220/230V~	Bildschirm Screen Écran U_B	P 662 (Basic Board)	146V ± 0,5V (33") 4:3 142V ± 0,5V (21,24,28") 4:3 136V ± 0,5V Sonstige Ggf. anschließend hor. Amplitude korrigieren! 146V ± 0,5V (33") 4:3 142V ± 0,5V (21,24,28") 14.3 136V ± 0,5V miscellaneous If necessary correct hor. amplitude afterwards! 146V ± 0,5V (33") 4:3 142V ± 0,5V (21,24,28") 4:3 136V ± 0,5V Autres Le cas échéant, corriger ensuite l'amplitude horizontale.
2	Focus Focus Foyer	Testbild Test pattern Mire		Bildschirm Screen Écran	Focus am Zeilentrafo oder Reglereinheit Focus at the line transformer or controller unit Foyer sur le transformateur de balayage horizontal ou unité de réglage!	Optimale Einstellung Optimum settings Réglage optimal

(I) **7. Allineamento analogici**

(E) **7. Ajuste analógica**

(NL) **7. Afstemming analoog**

Funzioni di allineamento fuori della modo di servizio (= punti di allineamento analogici)
Funciones de ajuste fuera del modo Servicio (= puntos de ajuste analógicos)
Afstemmingsfuncties buiten de service mode (= analoge afstemmingspunten)

	Allineamento Ajuste Afstemming	**Segnale Señal Signaal**	**Premesse Requisito Voorwaarde**	**Pto. di mis., Indic. Pto. de medición, indic. Meetpunt**	**Regolazione Ajuste Instelling**	**Particolarita della pos., Valori di pos. Valores de ajuste, observa-ciones Instelwaarden / Bijzonderheden**
1						146V ± 0,5V (33") 4:3 142V ± 0,5V (21,24,28") 4:3 136V ± 0,5V Altro Correggere eventualmente l'amplitudine orizzontale.
	Tensione d'esercizio Tensión de servicio Bedrijfsspanning	Immagine di prova Carta de ajuste Testbeeld	220/230V~	Schermo Pantalla Beeldscherm U_B	P 662 (Basic Board)	146V ± 0,5V (33") 4:3 142V ± 0,5V (21,24,28") 4:3 136V ± 0,5V Otros Si fuese necesario, corregir seguidamente la amplitud horizontal 146V ± 0,5V (33") 4:3 142V ± 0,5V (21,24,28") 4:3 136V ± 0,5V Overige Evt. aansluitend hor. amplitude corrigeren!
2	Fuoco Foco Focus	Immagine di prova Carta de ajuste Testbeeld		Schermo Pantalla Beeldscherm	Fuoco su trasformatore di riga o unità di regolazione! Foco en transforma-dor de líneas o unidad reguladora Focus bij lijntransformator of regeleenheid	Regolazione ottimale Ajuste óptimo Optimale instelling

Option Byte-Tabelle • Option Byte Table • Tableau Option Byte • Tabella Byte delle Opzioni • Tabla de bytes de opciones • Option Bytes tabel

Abgleichfunktion Alignement function Fonction d'alignement Funzione di comp Función de ajuste. Afstemmingsfuncties	Bit-Nr. No. N°. No. No. Nr.	Bedeutung Meaning Signification Significato Significación Betekenis	”0”	”1”	
Byte 0	**0**	Terrestrischer Tuner	BGDK	Multistandard	
	1	EPG Programmfilter EPG Programme filter	**ein** **on**	aus off	
	2	ZAP^{2}TEXT	**nein** **no**	ja yes	
	3	Rotation-Modul Rotations Modul	nein no	ja yes	
	4	LOEWE SYSTEMS-Gerät LOEWE SYSTEMS TV set	nein no	ja yes	
	5	Blaubild ohne Signal Blue picture w/o signal	**ja** **yes**	nein no	
	6	VGA	nein no	ja yes	
	7	TVA	**nein** **no**	ja (nur wenn OPT5/4=1) yes (only if OPT5/4=1)	
Byte 1	**0**	Zeitgest. Progr. Umschaltung Timing program change	**ja** **yes**	nein no	
	1	Sync Slicer VPC	**wird nicht beschrieben** **not described**	wird beschrieben is described	
	2	WSS-Auswertung im VCR-Mode WSS Detection in VCR mode	nein no	**ja** **yes**	
	3	VPC SynchSlicer Pegel im TV-Mode VPC SynchSlicer level in TV mode	**TV-Pegel** **TV level**	VCR-Pegel VCR level	
	4	HMM-Sofort Start (Bank) HMM immediately start	**nein** **no**	ja yes	
	5	OEM Gerät OEM TV set	**nein** **no**	ja yes	
	6	Film-Mode bei TV/DVB Film mode with TV/DVB	gesperrt disabled	**zugelassen** **permitted**	
	7	Bei VGA Synch-Ausfall at VGA mode synch cancellation	Umschaltung in TV-Mode switching to TV mode	**VGA-Mode beibehalten** **keep VGA mode**	
Byte 2	**0**	FLOF	**ein** **on**	aus off	
	1	EPG Erstes Einschalten EPG First use	nein no	ja yes	
	2	Blockier Mode VPC Lock Mode VPC	nein no	**ja** **yes**	
	3	Dunkeltastung beim Umschalten Blanking by switch-over	**nein** **no**	ja yes	
	4	Lautstärkepegel MSP-Ausgang Volume level MSP-output	normal normal	+9dB (HW-Änderung BB) +9dB (HW modification BB)	
	5	AGC memory	aus off	**ein** **on**	
	6	Reaktionszeit auf FB-Befehle Reaction time of remote orders	**schnell** **fast**	langsam slow	
	7	WSS (Wide Screen Signalling Bits)	**ausgewertet** **evaluated**	nicht ausgewertet not evaluated	*MC-Service*

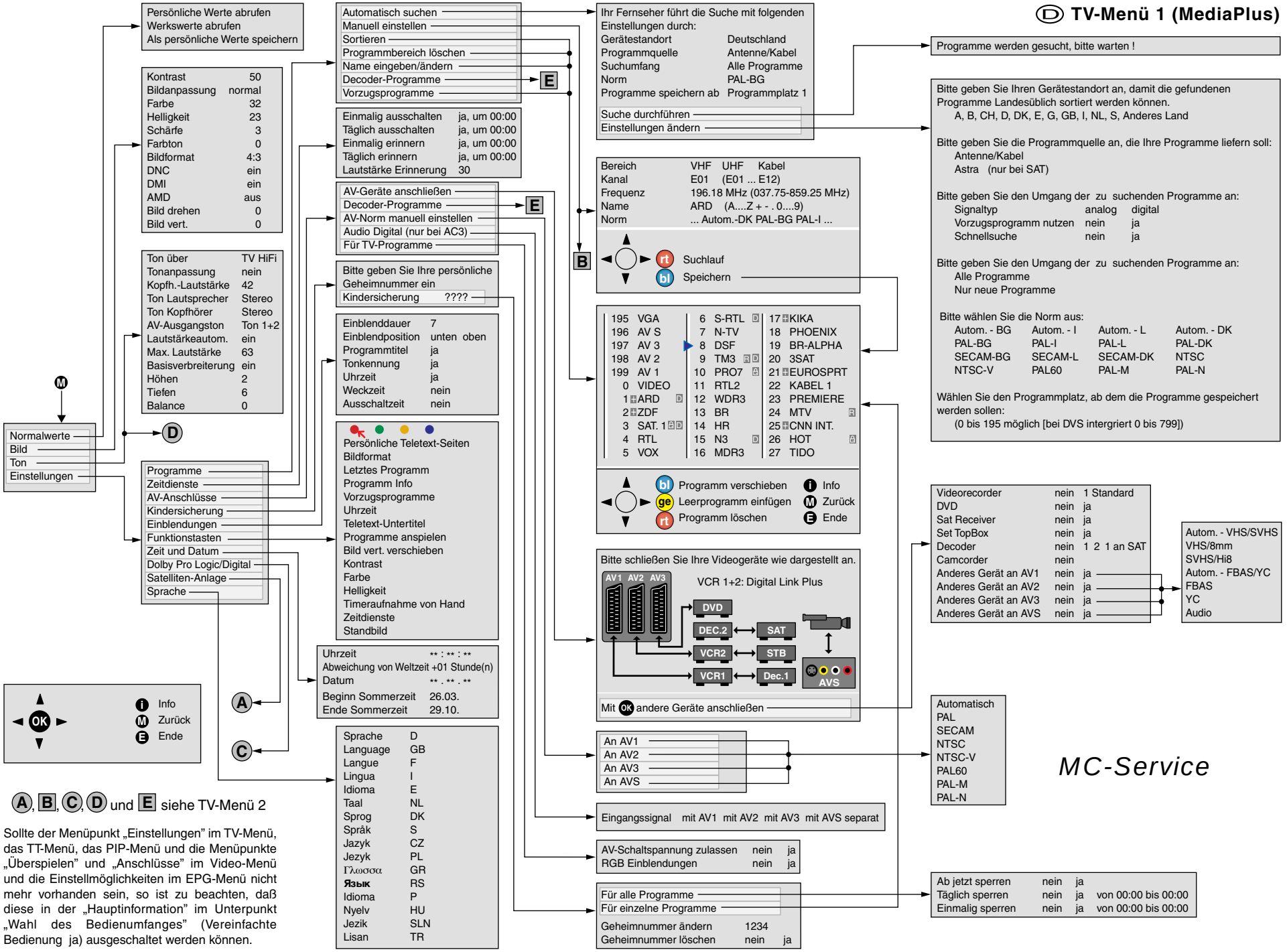
Option Byte-Tabelle • Option Byte Table • Tableau Option Byte • Tabella Byte delle Opzioni • Tabla de bytes de opciones • Option Bytes tabel

Abgleichfunktion **Alignement function** **Fonction d'alignement** **Funzione di comp** **Función de ajuste.** **Afstemmingsfuncties**	**Bit-Nr.** **No.** **N°.** **No.** **No.** **Nr.**	**Bedeutung** **Meaning** **Signification** **Significato** **Significación** **Betekenis**	**”0”**	**”1”**	
Byte 3	**0**	Formateinstellung Format setting	**Standardwerte freigegeben** **standard values free**	Standardwerte gesperrt standard values blocked	
	1	Bildröhrenformat Picture tube format	4:3	16:9	
	2	EPG(analog) Nacht-Aktualisierung EPG (analogue) night update switch on delay	aus off	**ein** **on**	
	3	frei free	----	----	
	4	Abschalten nach Programmschluß Switching off after channel closes	**ja** **yes**	nein no	
	5	Fabrikmodus / Tandberg-Monitor Factory Mode / Tandberg-Monitor	aus off	ein oder Tandberg-Monitor on or Tandberg-Monitor	
	6	PIP-Hintergrundfarbe im VGA-Mode PIP background	schwarz black	PIP-Rahmenfarbe PIP frame colour	
	7	Menü "erstes Einschalten" “First use” Menu	nein no	**ja** **yes**	
Byte 4	**0**	Einschaltverzögerung switch on delay	nein no	**1s nach Regelung ein** **1h after adjustment**	
	1	Autom. Lautstärke Regelung (AVC) Automatic Volume Control (AVC)	**langsam** **slow**	schnell fast	
	2	Abschaltvorhang Power down cycle	**ja** **yes**	nein no	
	3	Dunkeltastung Umschalten DVB Blanking switching to DVB	**nein** **no**	ja yes	
	4	Autom. Filmkennung (AMD) AMD switch-over (AMD)	schnell fast	**langsam** **slow**	
	5	Warmlaufmodus / Tandberg-Monitor Warm-up mode / Tandberg-Monitor	ein oder Tandberg-Monitor on or Tandberg-Monitor	aus off	
	6	Movie Fall Back Mode (BESIC)	**aus** **off**	ein on	
	7	Standbild im VCR Mode "Pause" Freeze frame in VCR mode “Pause”	ja yes	**nein** **no**	
Byte 5	**0**	SUB 27 Befehle SUB 27 orders	**ausgewertet** **evaluated**	ignoriert ignored	
	1	Seitenumblättern bei EPG (analog) Turning pages with EPG (analogue)	Cursor springt nach unten Cursor jumps to bottom	**Cursor springt nach oben** **Cursor jumps to top**	
	2	50 Hz Progressiv-Darstellung 50 Hz progressive prepresentation	**aus** **off**	ein on	
	3	60 Hz Progressiv-Darstellung 60 Hz progressive prepresentation	aus off	ein on	
	4	HMM-Mode	nein no	ja yes	
	5	EPG Test-Mode EPG test mode	**aus** **off**	ein on	
	6	HMM-Tastatur HMM keyboard	alt old	**neu** **new**	
	7	Idle-Mode in Stand By (ab M2 B11)	**nein** **no**	ja yes	

Option Byte-Tabelle • Option Byte Table • Tableau Option Byte • Tabella Byte delle Opzioni • Tabla de bytes de opciones • Option Bytes tabel

Abgleichfunktion Alignement function Fonction d'alignement Funzione di comp Función de ajuste. Afstemmingsfuncties	Bit-Nr. No. N°. No. No. Nr.	Bedeutung Meaning Signification Significato Significación Betekenis	”0”	”1”	
Byte 6	**0**	HDLC	**time out**	no time out	
	1	Klemmverst. RGB-Eingang VPC blank amplifier RGB input VPC	ACh	**A0h**	
	2	Funktion an Port 2.14 (M2 Pin 11) Function at port 2.14 (M2 pin 11)	Tastensperre für TVO Key lock for TVO	Entmagnetisierung Demagnetisation	
	3	EPG RAM Test	**ja** **yes**	nein no	
	4	VT Timeout nach 10 Minuten VT timeout after 10 minutes	**ja** **yes**	nein no	
	5	automat. Einschalten im VT-Modus Automatic switch on in VT mode	**nein** **no**	ja yes	
	6	Indikation des Film-Modes Indication of film mode	**nein** **no**	durch Farbe des Side-Panels by color of the side panel	
	7	VT-Unterseiten Modus "VT subpages mode"	**normal** **normal**	aus out	
Byte 7	**0**	BESIC Version	<V5.2	**>V5.2**	
	1	Ton für HMM-Geräte sound for HMM equipment	**VGA-Ton intern** **VGA sound internal**	VGA-Ton extern VGA sound external	
	2	Suchlauf Search	**normal** **normal**	Test Mode (Feinsuchlauf) test mode (fine search)	
	3	Bevorzugter Tuner (DVB bestückt) preferred tuner (with DVB)	**zus. SAT-Tuner (normal)** **additional SAT tuner (normal)**	Haupt-SAT-Tuner (evtl. für Italien) main SAT tuner (possibly for Italy)	
	4	Auswertung der 16:9-Schaltspannung Assessing the 16:9 switching voltage	**ja** **yes**	nein no	
	5	Bevorzugter Tuner (ohne DVB) preferred tuner (without DVB)	**Haupt-SAT-Tuner (normal)** **main SAT tuner (normal)**	zus. SAT-Tuner (keine Tonstörungen) additional SAT tuner (no sound impairment)	
	6	AV2-Monitor für C-Box AV2 monitor for C-Box	**gesperrt** **blocked**	freigegeben enabled	
	7	ext. HF-Sender für Ton ext. HF transmitter for sound	**ja** **yes**	nein no	
Byte 8	**0**	Fabrikmodus Factory Mode	**nein** **no**	ja yes	
	1	Klinkenstecker Audio-in Jack plug Audio In	nicht bestückt without	bestückt with	
	2	Frontbuchse Front socket	bestückt with	nicht bestückt without	
	3	Dynam. Bass (MICRONAS)	**aus** **out**	ein on	
	4	75 Hz Interlace-Darstellung 75 Hz interface representation	**aus** **out**	ein on	
	5	Blue Stretch	**aus** **out**	ein on	
	6	Black Stretch	**aus** **out**	ein on	
	7	Auto. Wiedereinschalten (Warm Up) Auto on (warm up)	**aus** **out**	ein on	

TV-Menü 1 (MediaPlus)

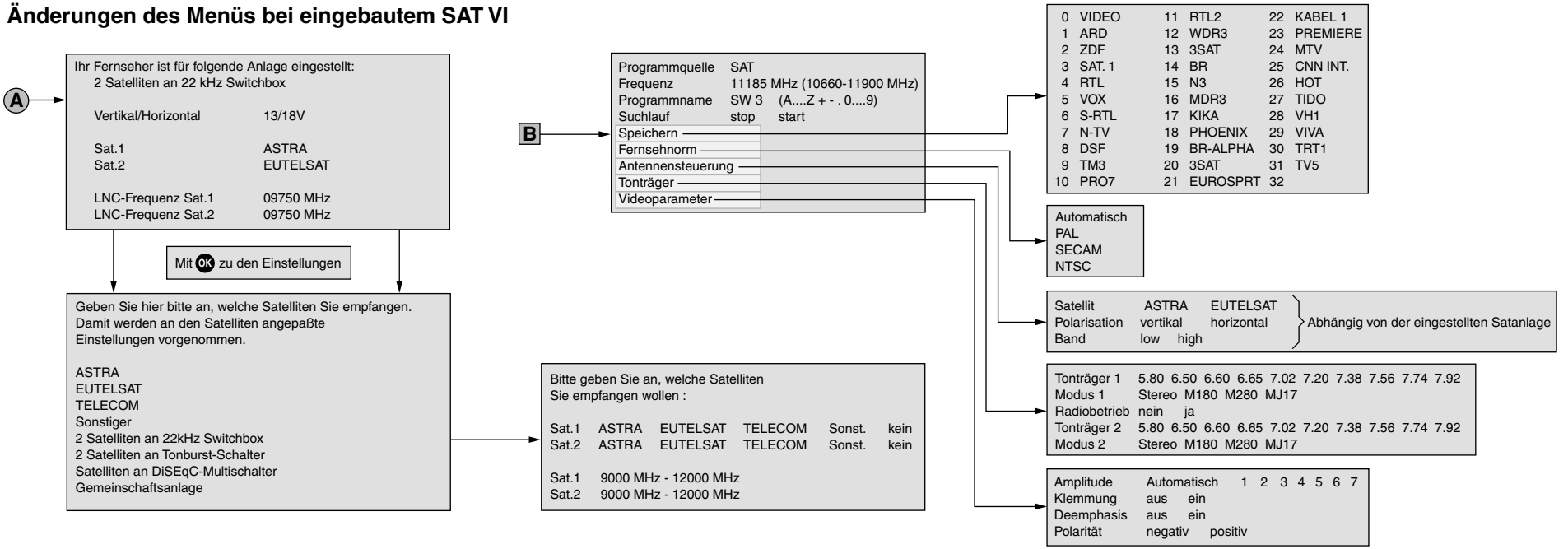


MC-Service

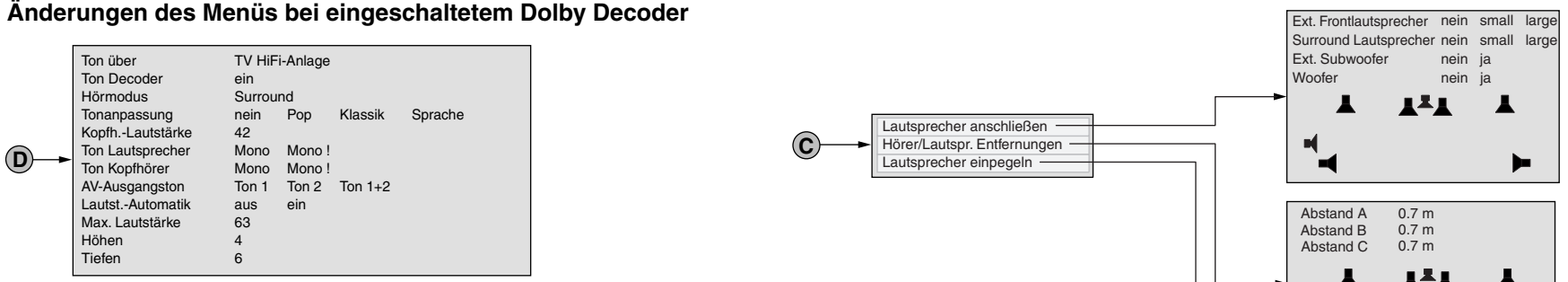
A, B, C, D und E siehe TV-Menü 2

Sollte der Menüpunkt „Einstellungen" im TV-Menü, das TT-Menü, das PIP-Menü und die Menüpunkte „Überspielen" und „Anschlüsse" im Video-Menü und die Einstellmöglichkeiten im EPG-Menü nicht mehr vorhanden sein, so ist zu beachten, daß diese in der „Hauptinformation" im Unterpunkt „Wahl des Bedienumfanges" (Vereinfachte Bedienung ja) ausgeschaltet werden können.

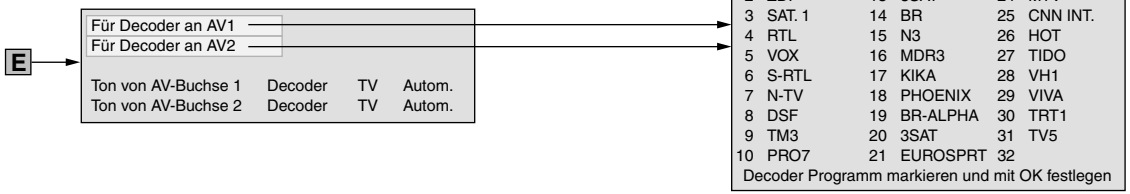
Änderungen des Menüs bei eingebautem SAT VI



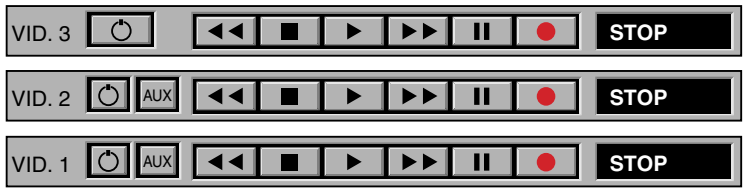
Änderungen des Menüs bei eingeschaltetem Dolby Decoder



Änderungen des Menüs bei angeschlossenem Decoder



Video Bedienung über TV-Menü → V=



Ⓜ Video-Menü
Ⓔ Ende

PIP-Menü → + Ⓜ

Typ		
Position		
Größe	klein	groß
Multi-PIP	aus	ein

TT-Menü → Ⓣ + Ⓜ

Neue Nachr.
Aufdecken
Programm
Vorzugspr.
Unters. 0000

Aufnahme
Top-Tab.
Einstell.

Senderabhängig z.B.
Übersicht
Nachrichten
TV-Guide
Wetter
Börse
Service
usw.

Vorschauseiten
Untertitelseiten
Perönlichen Seiten
Zeichensatz
HiText

Ⓜ

Video-Menü

Timeraufnahme
Timer ändern
Timer löschen
Anschlüsse
Digital Link Plus Übertragung

Für Recorder AV1 AV2
über nexTView/EPG → Ⓕ
über Teoletext (VPS)
Von Hand

0	VIDEO	11	RTL2	22	KABEL 1
1	ARD	12	WDR3	23	PREMIERE
2	ZDF	13	3SAT	24	MTV
3	SAT. 1	14	BR	25	CNN INT.
4	RTL	15	N3	26	HOT
5	VOX	16	MDR3	27	TIDO
6	S-RTL	17	KIKA	28	VH1
7	N-TV	18	PHOENIX	29	VIVA
8	DSF	19	BR-ALPHA	30	TRT1
9	TM3	20	3SAT	31	TV5
10	PRO7	21	EUROSPRT	32	

Über den Videotext des jeweiligen Senders das Programm auswählen,das aufgezeichnet werden soll. Die Daten der Sendung werden automatisch als Timer-Datenübernommen.

Recorder	VID.1	VID.2
Programm	001	ARD
VPS	ja	
Datum	** . **	
Aufnahmezeit	** : ** bis ** : **	

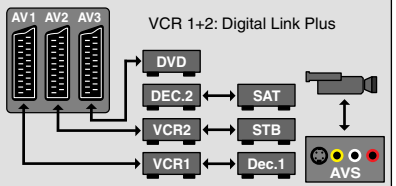
Progr.	Uhrzeit	Datum	VPS	Rec.
____	_____	____	____	____
____	_____	____	____	____
____	_____	____	____	____
____	_____	____	____	____

AV-Geräte anschließen
Decoder-Programme
AV-Norm manuell einstellen
Audio Digital
Für TV-Programme

Ⓔ siehe TV-Menü 2

Übertragung der Programmliste an den (die) Digital Link Plus-Recorder
Übertragung start stop
übertragen (pro Recorder) 0 %

Bitte schließen Sie Ihre Videogeräte wie dargestellt an.



Mit OK andere Geräte anschließen

Videorecorder	nein	1 Standard
DVD	nein	ja
Sat Receiver	nein	ja
Set TopBox	nein	ja
Decoder	nein	1 2 1 an SAT
Camcorder	nein	
Anderes Gerät an AV1	nein	ja
Anderes Gerät an AV2	nein	ja
Anderes Gerät an AV3	nein	ja
Anderes Gerät an AVS	nein	ja

Autom. - VHS/SVHS
VHS/8mm
SVHS/Hi8
Autom. - FBAS/YC
FBAS
YC
Audio

OK
Ⓘ Info
Ⓜ Zurück
Ⓔ Ende

An AV1
An AV2
An AV3
An AVS

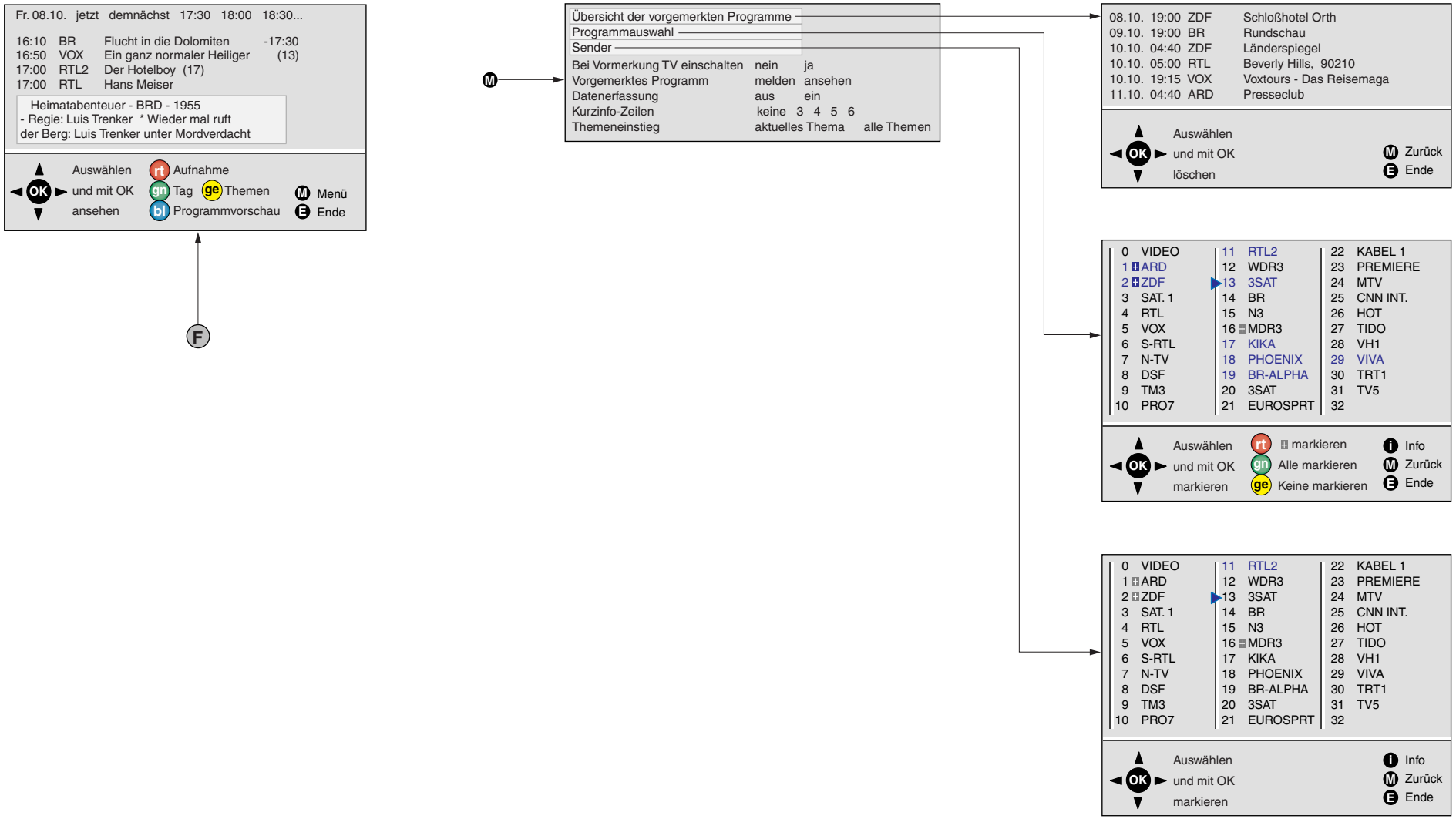
Automatisch
PAL
SECAM
NTSC
NTSC-V
PAL60
PAL-M
PAL-N

Eingangssignal mit AV1 mit AV2 mit AV3 mit AVS separat

AV-Schaltspannung zulassen	nein	ja
RGB Einblendungen	nein	ja

Ⓕ siehe TV-Menü 4

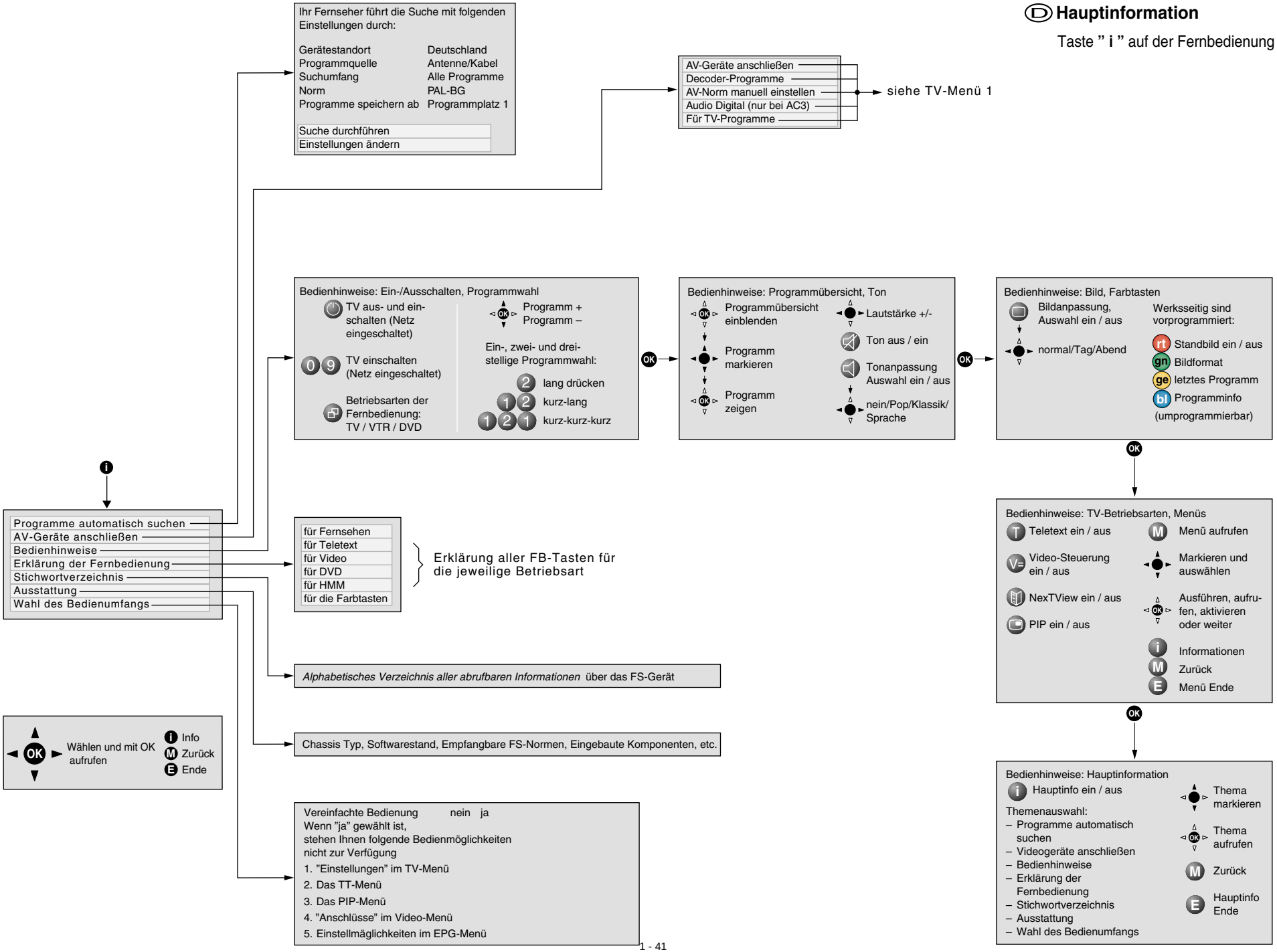
nexTView Menü: (Taste nexTView bzw. EPG auf der Fernbedienung)



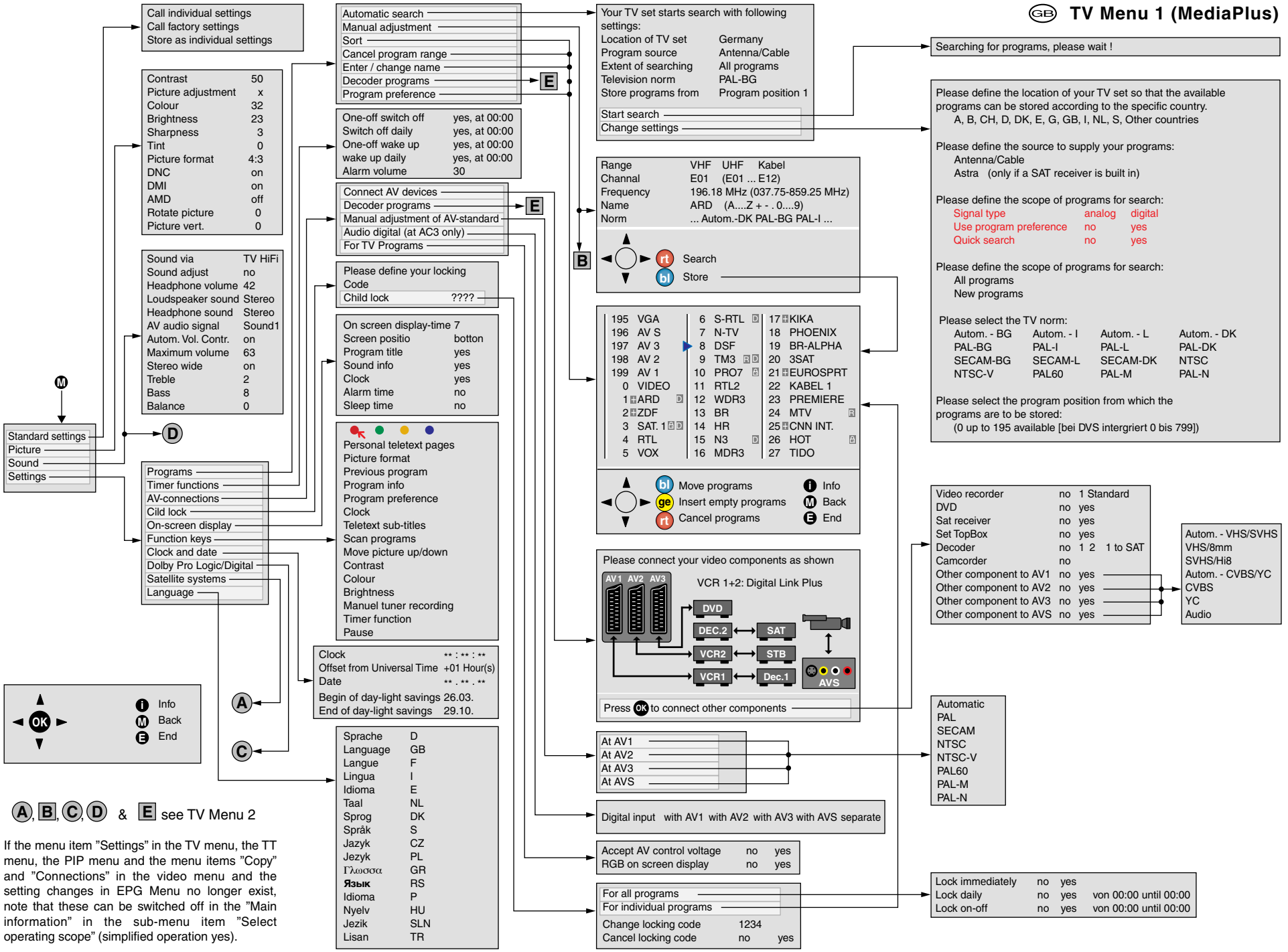
MC-Service

Ⓓ Hauptinformation

Taste ” i ” auf der Fernbedienung



GB TV Menu 1 (MediaPlus)



A, B, C, D & E see TV Menu 2

If the menu item "Settings" in the TV menu, the PIP menu and the menu items "Copy" and "Connections" in the video menu and the setting changes in EPG Menu no longer exist, note that these can be switched off in the "Main information" in the sub-menu item "Select operating scope" (simplified operation yes).

Changes to the menu with installed SAT VI

A

Your TV set is adjusted to the following system:
2 satellites at 22 kHz switchbox

Vertikal/horizontal	13/18V
Sat.1	ASTRA
Sat.2	EUTELSAT
LNC-frequency Sat.1	09750 MHz
LNC-frequency Sat.2	09750 MHz

Press OK to change settings

Please define which satellite you receive.
The settings are then adjusted to your satellite.

ASTRA
EUTELSAT
TELECOM
others
2 satellites at 22kHz switchbox
2 satellites at toneburst switch
Satellites at DiSEqC-multipli-switch
Common satellite system

Please define which satellites you want to receive:

Sat.1	ASTRA	EUTELSAT	TELECOM	Others	none
Sat.2	ASTRA	EUTELSAT	TELECOM	Others	none

Sat.1	9000 MHz - 12000 MHz
Sat.2	9000 MHz - 12000 MHz

B

Program source	SAT
Frequency	11185 MHz (10660-11900 MHz)
Program name	SW 3 (A....Z + - . 0....9)
Automatic search	stop start
Store	
TV norm	
Antenna control	
Sound carrierr	
Video parameters	

0	VIDEO	11	RTL2	22	KABEL 1
1	ARD	12	WDR3	23	PREMIERE
2	ZDF	13	3SAT	24	MTV
3	SAT. 1	14	BR	25	CNN INT.
4	RTL	15	N3	26	HOT
5	VOX	16	MDR3	27	TIDO
6	S-RTL	17	KIKA	28	VH1
7	N-TV	18	PHOENIX	29	VIVA
8	DSF	19	BR-ALPHA	30	TRT1
9	TM3	20	3SAT	31	TV5
10	PRO7	21	EUROSPRT	32	

Automatic
PAL
SECAM
NTSC

Satellite	ASTRA	EUTELSAT	depends on select Satellite system
Polarisation	vertikal	horizontal	
Band	low	high	

Sound carrier 1	5.80	6.50	6.60	6.65	7.02	7.20	7.38	7.56	7.74	7.92
Mode 1	Stereo	M180	M280	MJ17						
Radio mode	no	yes								
Sound carrier 2	5.80	6.50	6.60	6.65	7.02	7.20	7.38	7.56	7.74	7.92
Mode 2	Stereo	M180	M280	MJ17						

Amplitude	Automatic	1	2	3	4	5	6	7
Clemping	off	on						
Deemphasis	off	on						
Polarity	negativ	positive						

Changes to the menu with connected Dolby decoder

MC-Service

D

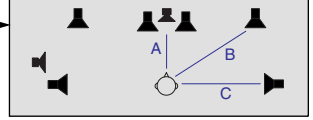
Sound via	TV HiFi			
Sound decoder	on			
Listening mode	Surround			
Sound adjust	no	Pop	Classical	Speech
Headphone volume	42			
Loudspeaker sound	Mono	Mono !		
Headphone sound	Mono	Mono !		
AV audio signal	Sound 1	Sound 2	Sound 1+2	
Autom. Vol. Contr.	off	on		
Maximum volume	63			
Treble	4			
Bass	6			

C

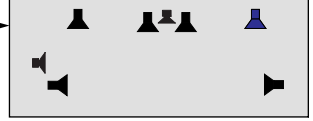
Connect speakers
Listener-speaker distance
Adjust speaker level

Ext. front speakers	no	small	large
Surround speakers	no	small	large
Ext. subwoofer	no	yes	
Woofer	no	yes	

Distance A	0.7 m
Distance B	0.7 m
Distance C	0.7 m



Speaker level	0



Changes to the menu with connected decoder

E

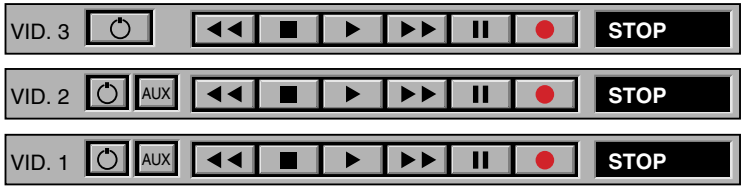
For Decoder to AV1
For Decoder to AV2

Sound AV 1	Decoder	TV	Autom.
Sound AV 2	Decoder	TV	Autom.

0	VIDEO	11	RTL2	22	KABEL 1
1	ARD	12	WDR3	23	PREMIERE
2	ZDF	13	3SAT	24	MTV
3	SAT. 1	14	BR	25	CNN INT.
4	RTL	15	N3	26	HOT
5	VOX	16	MDR3	27	TIDO
6	S-RTL	17	KIKA	28	VH1
7	N-TV	18	PHOENIX	29	VIVA
8	DSF	19	BR-ALPHA	30	TRT1
9	TM3	20	3SAT	31	TV5
10	PRO7	21	EUROSPRT	32	

Select decoder program and confirm with OK

Video operation via TV Menu → V=



M Video menu
E End

PIP Menu → + M

Type		
Position		
Size	small	big
Multi PIP	off	on

TT Menu → T + M

Newsflash
Reveal
Program
Pref. Prog.
Subpages 0000

Record
TOP
Settings

Subject to station e.g.
Übersicht
Nachrichten
TV-Guide
Wetter
Börse
Service
usw.

Preview pages
Sub-title pages
Personal pages
Character set
HiText

M

Video menu

Timer record
Change timer
Cancel timer
Connections
Digital Link Plus transmission

For recorder AV1 AV2
Via nexTView/EPG → F
Via Teoletext (VPT)
Manual

0	VIDEO	11	RTL2	22	KABEL 1
1	ARD	12	WDR3	23	PREMIERE
2	ZDF	13	3SAT	24	MTV
3	SAT. 1	14	BR	25	CNN INT.
4	RTL	15	N3	26	HOT
5	VOX	16	MDR3	27	TIDO
6	S-RTL	17	KIKA	28	VH1
7	N-TV	18	PHOENIX	29	VIVA
8	DSF	19	BR-ALPHA	30	TRT1
9	TM3	20	3SAT	31	TV5
10	PRO7	21	EUROSPRT	32	

Select the program you want to record and the timer data will be automatical set.

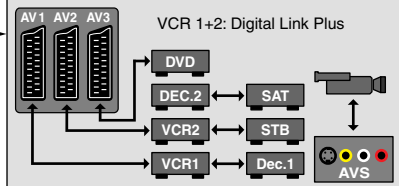
Recorder	VID.1	VID.2
Programm	001	ARD
VPS	ja	
Date	** . **	
Recording time	** : ** until ** : **	

Progr.	Clock	Date	VPS	Rec.
____	_____	____	____	____
____	_____	____	____	____
____	_____	____	____	____
____	_____	____	____	____

Connect AV devices
Decoder programs
Manual adjustment of AV-signals
Audio digital
For TV Programs

E see TV Menu 2

Please connect your video components as shown



Press OK to connect other components

Video recorder	no	1 Standard	
DVD	no	yes	
Sat receiver	no	yes	
Set TopBox	no	yes	
Decoder	no	1 2	1 to SAT
Camcorder	no		
Other component to AV1	no	yes	
Other component to AV2	no	yes	
Other component to AV3	no	yes	
Other component to AVS	no	yes	

Autom. - VHS/SVHS
VHS/8mm
SVHS/Hi8
Autom. - CVBS/YC
CVBS
YC
Audio

Transfer of the program list to the Digital Link Plus recorder

Transfer	start	stop
Transfer (per recorder)		0 %

OK
I Info
M Back
E End

At AV1
At AV2
At AV3
At AVS

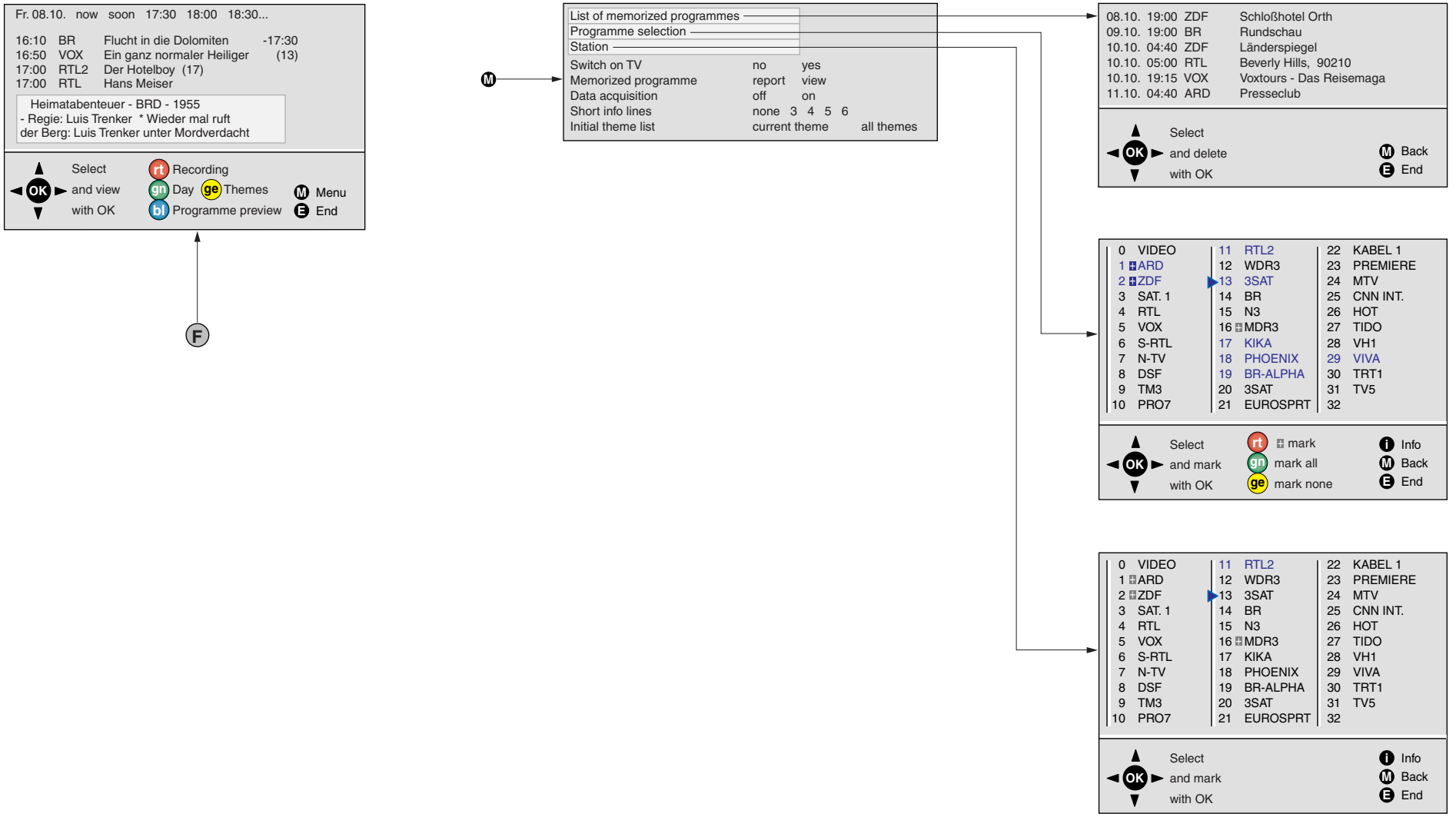
Automatic
PAL
SECAM
NTSC
NTSC-V
PAL60
PAL-M
PAL-N

Digital input with AV1 with AV2 with AV3 with AVS separate

Accept AV control voltage	no	yes
RGB on screen display	no	yes

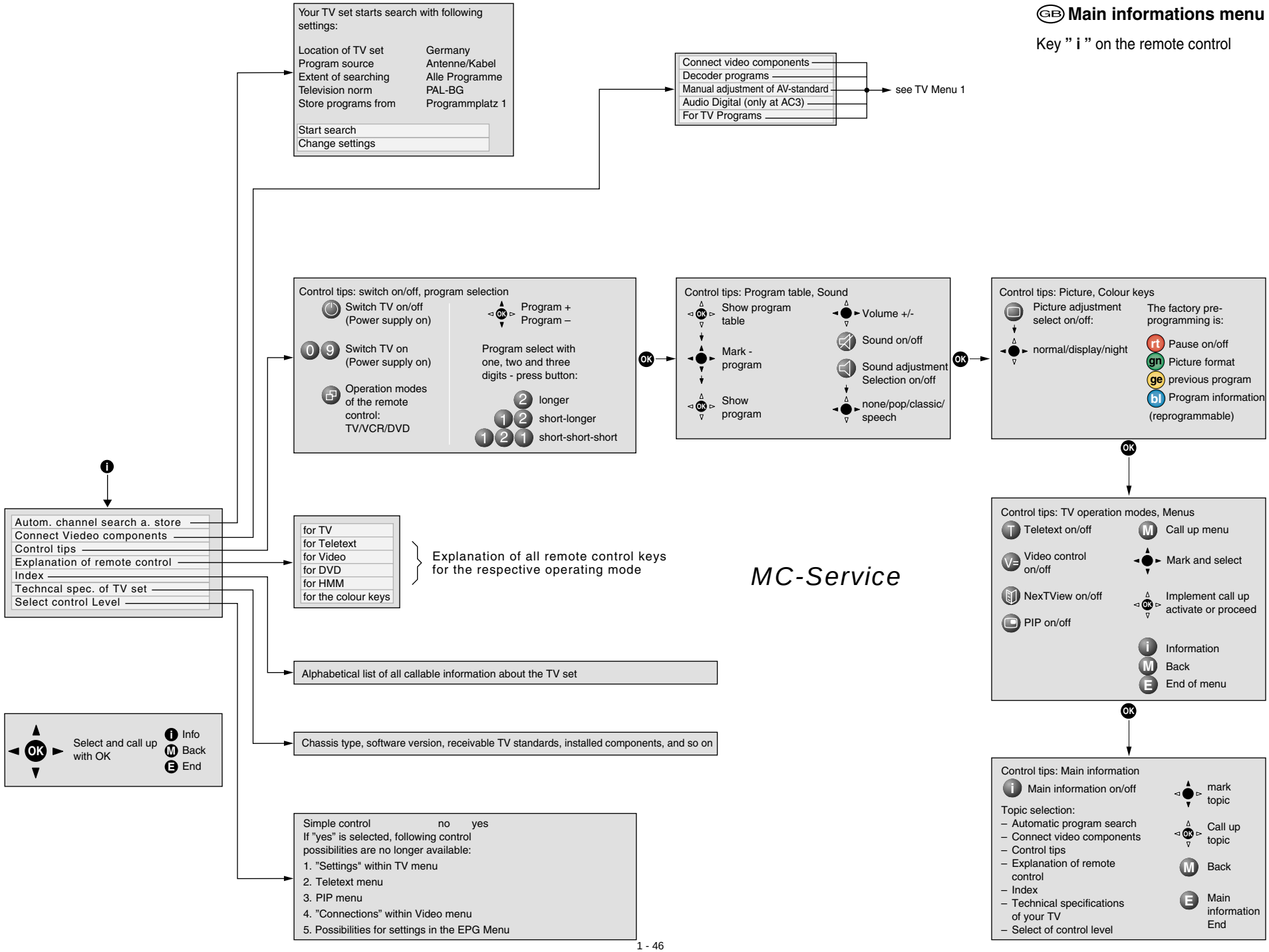
F see TV-Menu 4

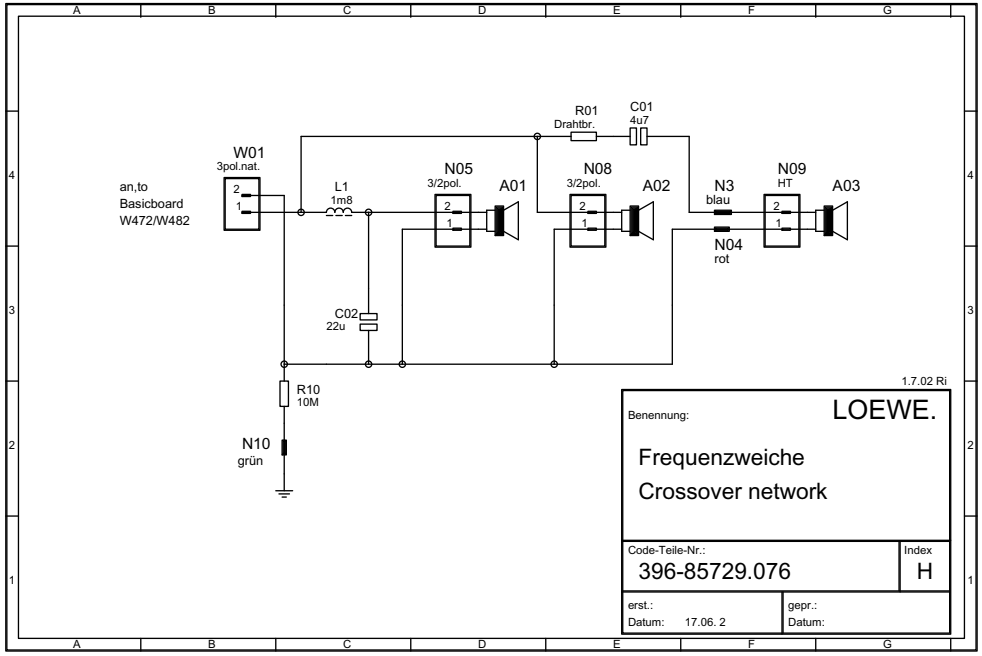
nexTView Menu: (Button nexTView respectively EPG of the remote control)

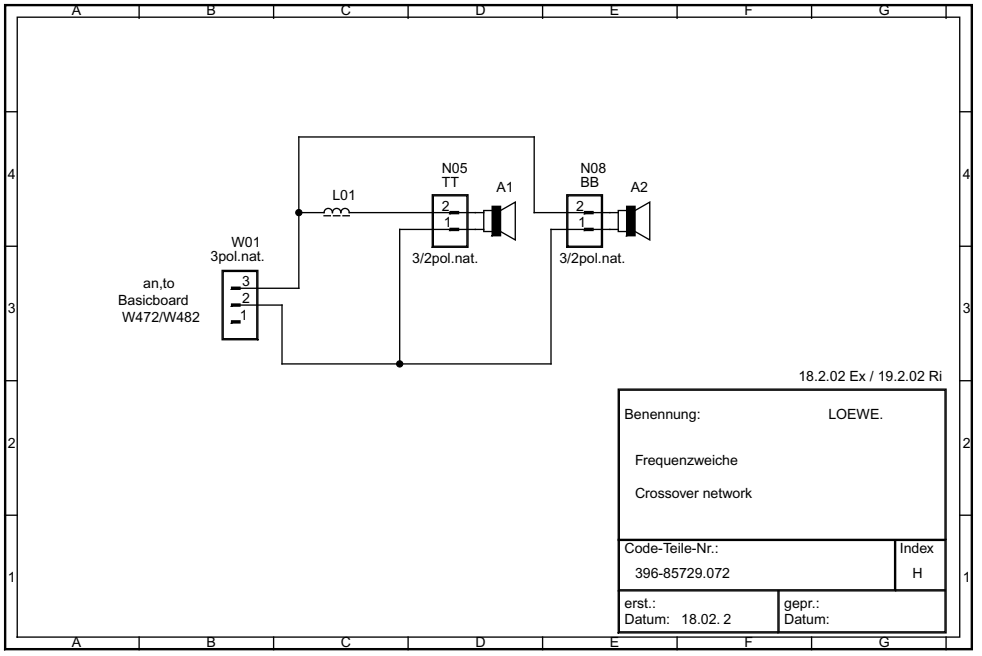


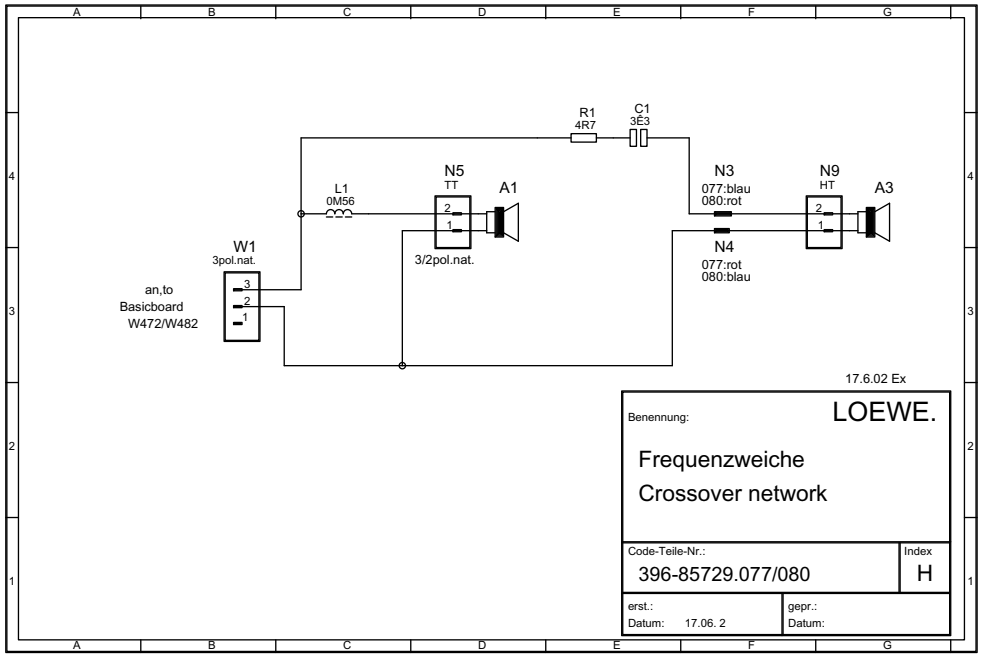
GB Main informations menu

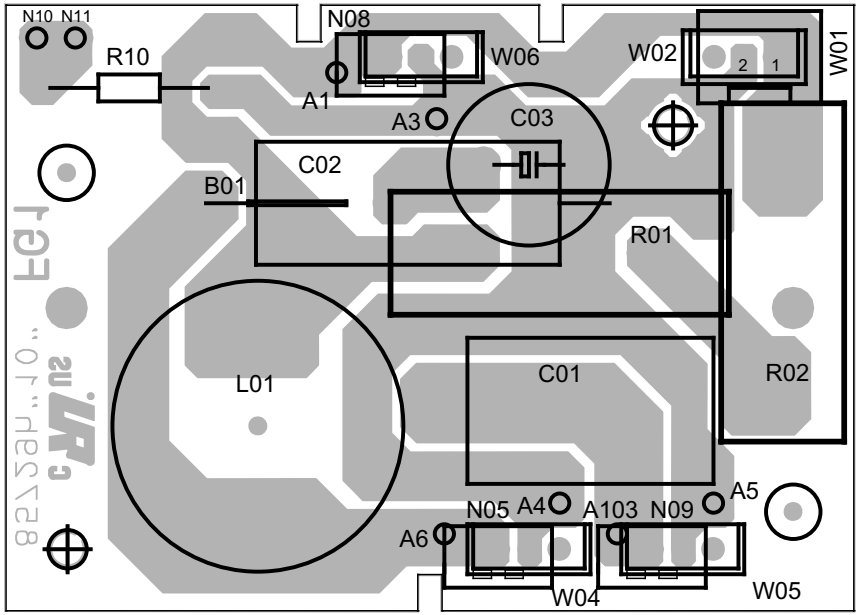
Key " **i** " on the remote control





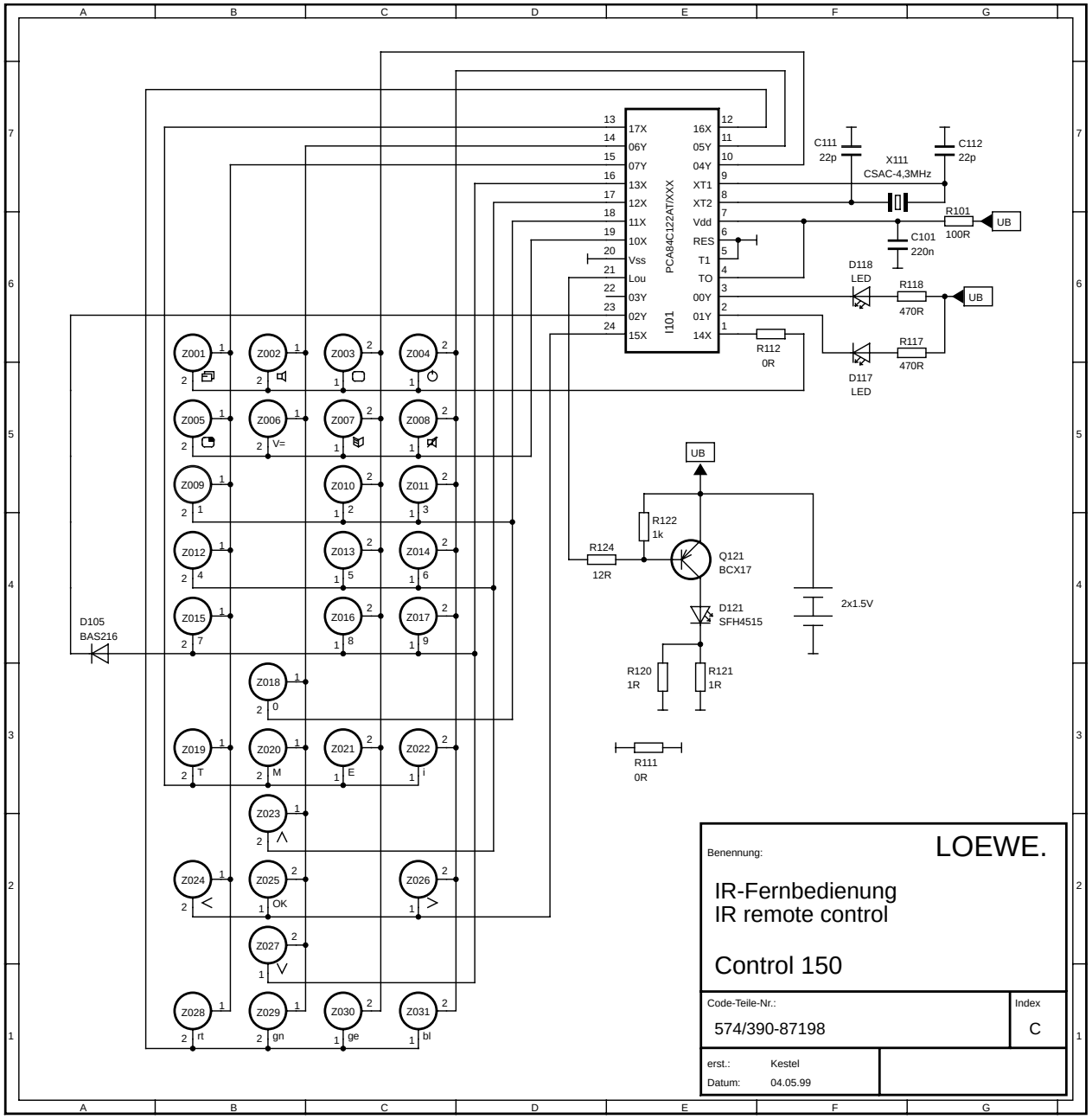






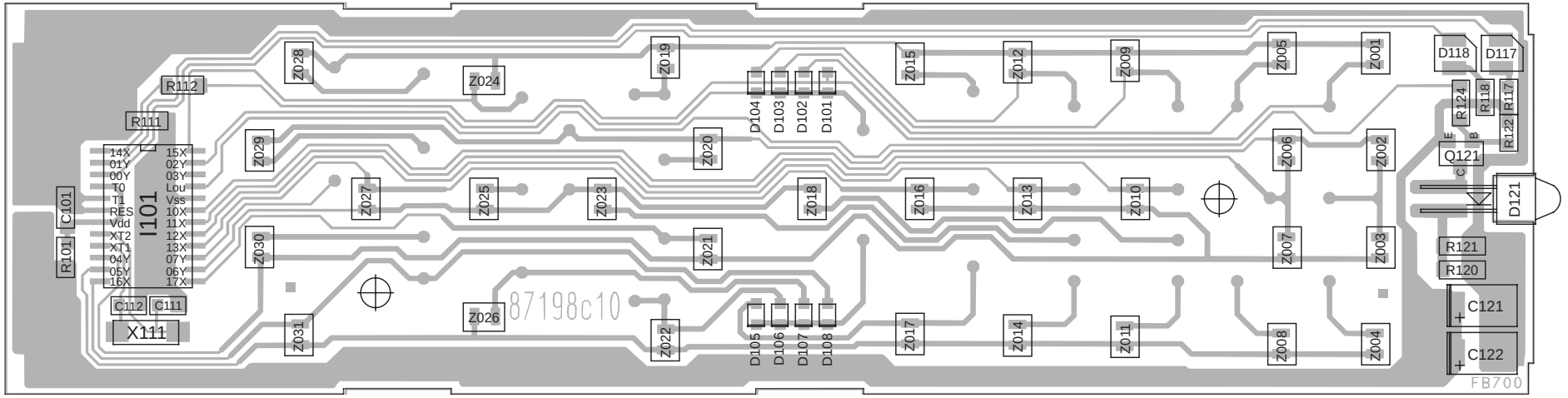
Ltpl. Frequenzweiche 85729H
Bestückungsseite

Cross-over network P.C.B 85729H
Components side



MC-Service

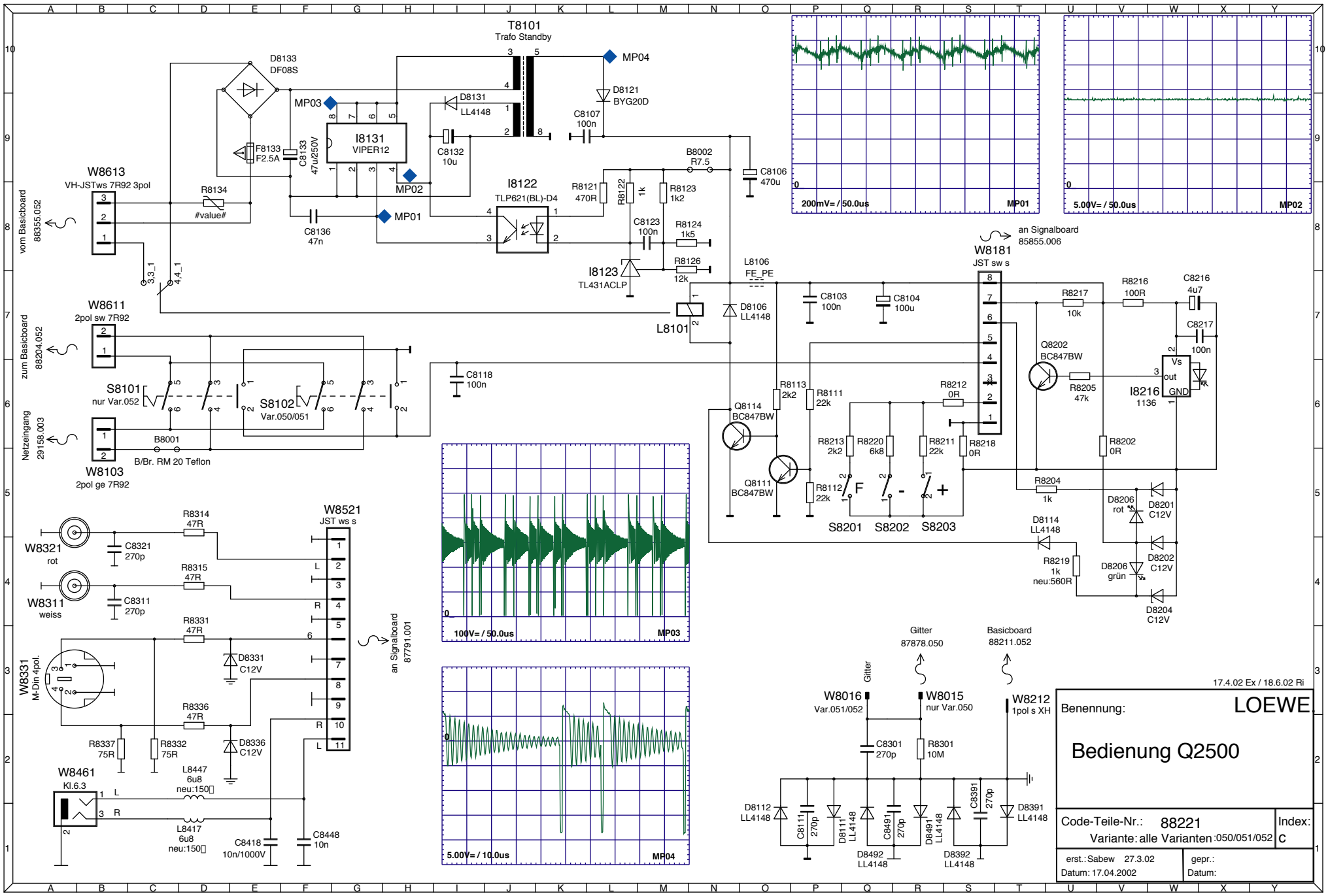
Schaltplan IR-Fernbedienung 396-87000.060
Infrared remote control schematic 396-87000.060

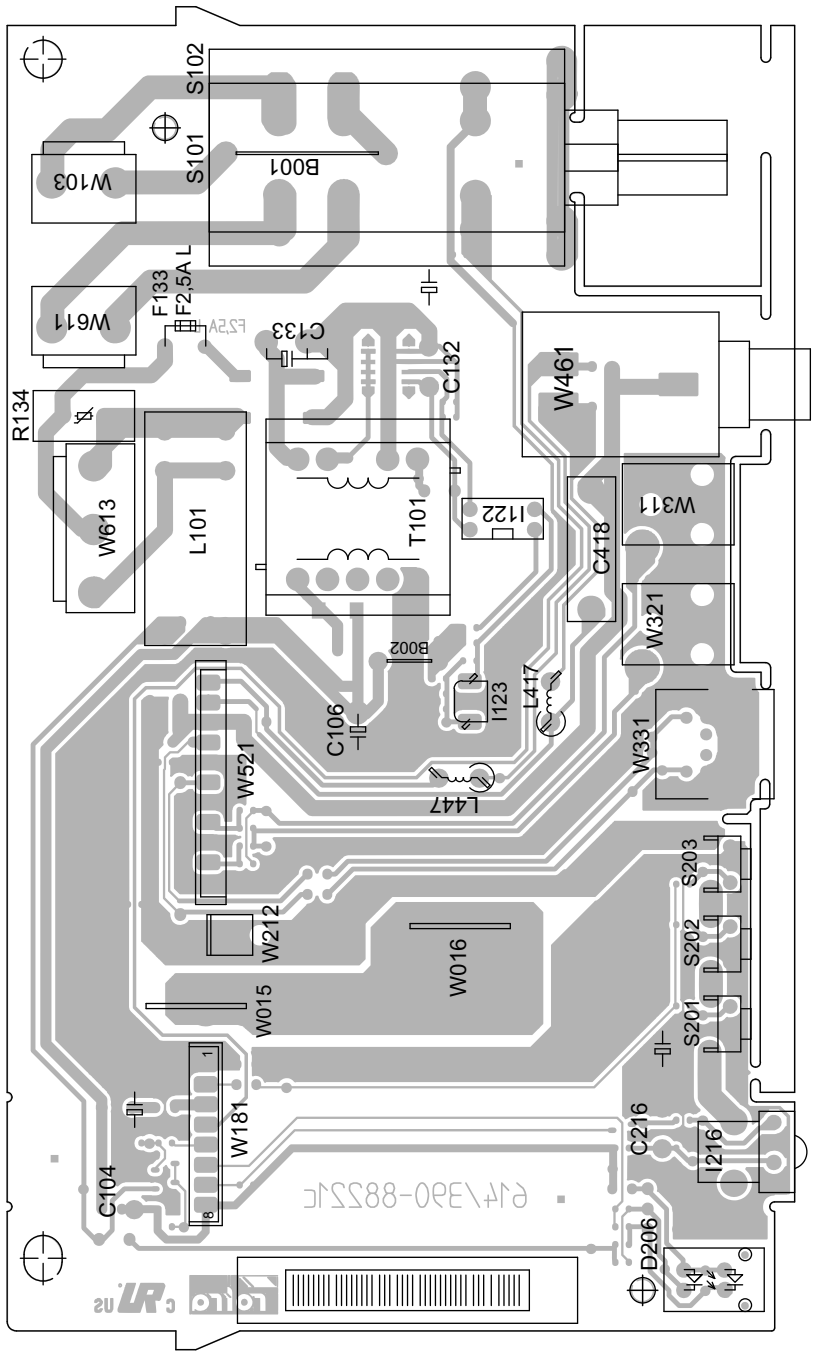


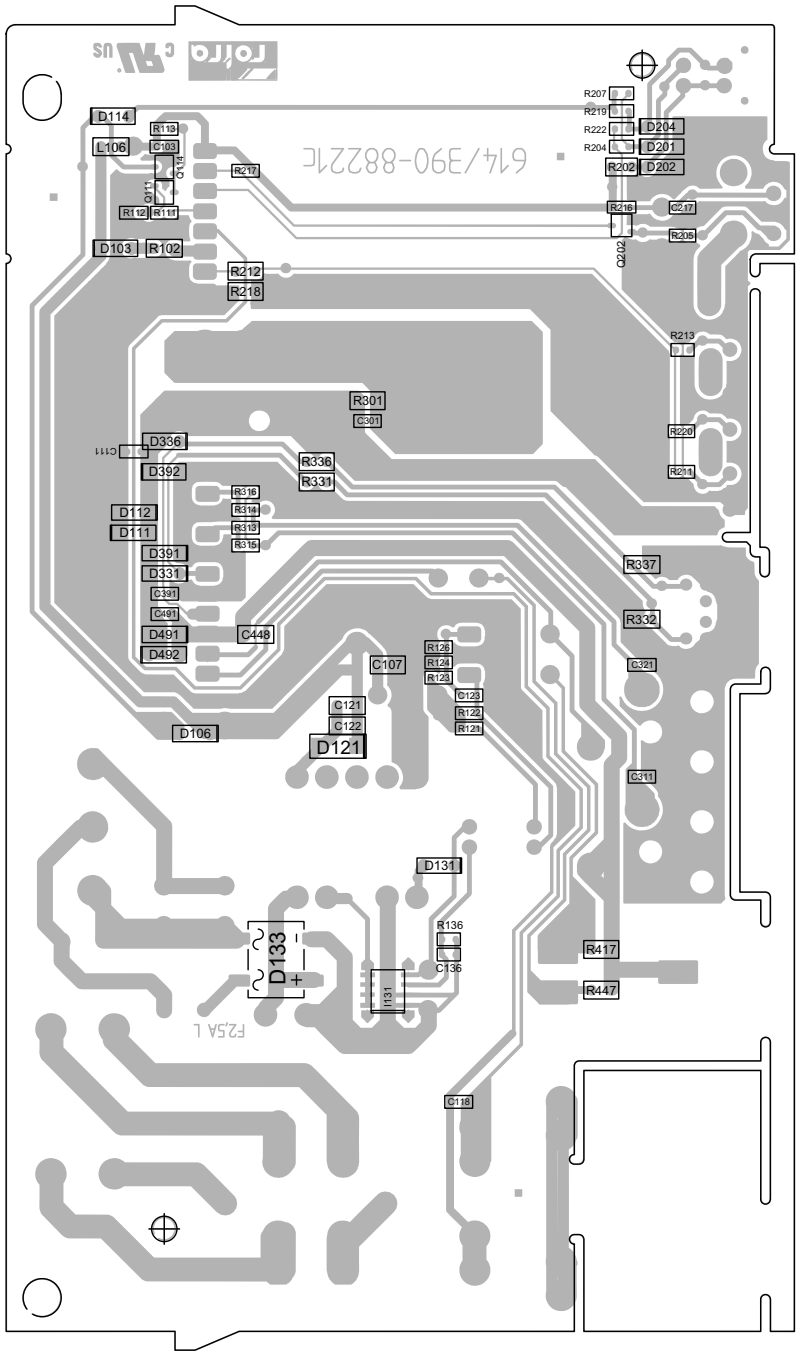
Ltpl. IR-Fernbedienung 396-87000.060 - 87198C Lötseite • **Infrared remote control PCB 396-87000.060 - 87198C** Solder side

IR-Fernbedienung IR remote control Art.-Nr. 87000.060

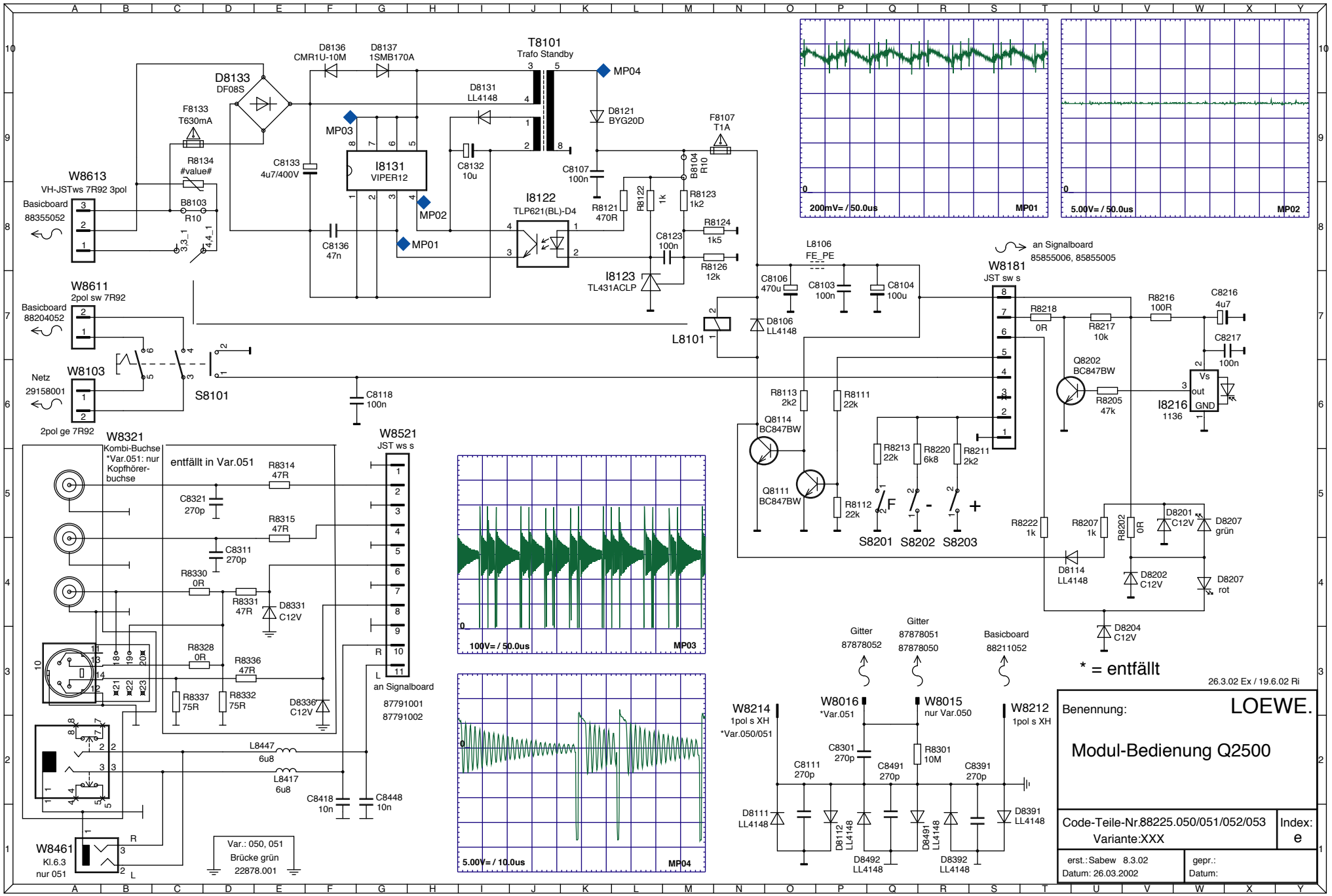
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	GEBER-ERSATZTEILE	**SPARE PARTS FOR TRANSMITTER**		
20	Batteriefeder	Spring	739-87217001	060
20	Gehäuse-Oberteil Arktis	Cover	756-87265001	060
25	Lichtleiter	Window	666-87274001	060
30	Kontaktmatte Control 150	Spring Contact	309-87267001	060
70	Gehäuse-Unterteil Arktis	Cover	756-87264001	060
80	Batteriefeder 2-fach	Sring	739-85279001	060
90	Batteriedeckl Arktis	Cover	756-87215001	060
D105	Diode BAS216 SOD110	Diode	351-27279	060
D117	LED LG T679 SMD	Coupler	353-27021	060
D118	LED LG T679 SMD	Coupler	353-27021	060
D121	Diode LED F.D.SFH 4515	Coupler	353-27024	060
I101	ICMOS PCA84C122AT-231	Integrated Circiut	350-27787	060
Q121	Transistor BCX17 SOT23	Transistor	344-25509	060
X111	Piezo Filter 4,30 MHZ MELF 2,8x7	Ceramic Filter	386-27022	060

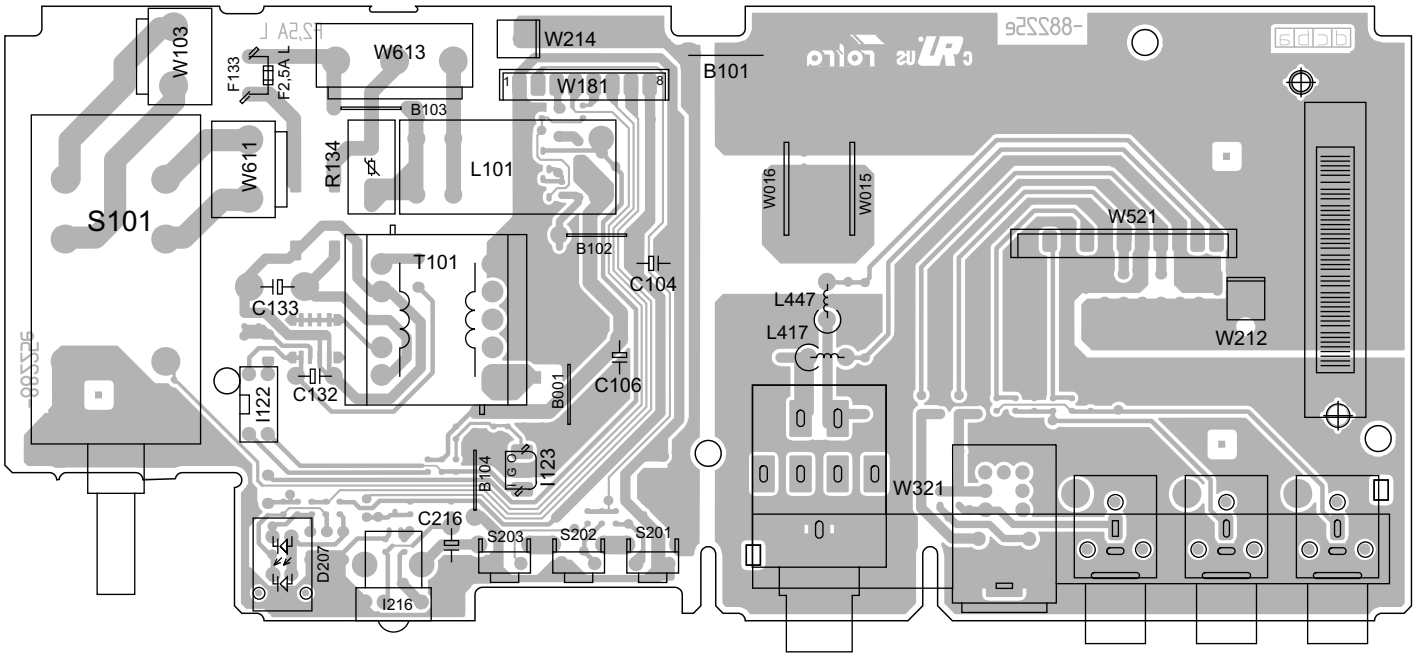

T8101
Trafo Standby
D8133
DF08S
MP03
MP04
D8131
LL4148
D8121
BYG20D
C8107
100n
F8133
F2.5A
C8133
47u/250V
I8131
VIPER12
C8132
10u
B8002
R7.5
C8106
470u
W8613
VH-JSTws 7R92 3pol
vom Basicboard
88355.052
R8134
#value#
MP02
I8122
TLP621(BL)-D4
R8121
470R
R8122
1k
R8123
1k2
C8136
47n
MP01
C8123
100n
R8124
1k5
I8123
TL431ACLP
R8126
12k
L8106
FE_PE
W8181
JST sw s
an Signalboard
85855.006
W8611
2pol sw 7R92
zum Basicboard
88204.052
L8101
D8106
LL4148
C8103
100n
C8104
100u
R8217
10k
R8216
100R
C8216
4u7
C8217
100n
Q8202
BC847BW
R8205
47k
I8216
1136
Vs
out
GND
S8101
nur Var.052
S8102
Var.050/051
C8118
100n
Netzeingang
29158.003
B8001
B/Br. RM 20 Teflon
W8103
2pol ge 7R92
Q8114
BC847BW
Q8111
BC847BW
R8113
2k2
R8111
22k
R8212
0R
R8213
2k2
R8220
6k8
R8211
22k
R8218
0R
R8112
22k
F
-
+
S8201
S8202
S8203
R8202
0R
R8204
1k
D8114
LL4148
R8219
1k
neu:560R
D8206
rot
D8201
C12V
D8202
C12V
D8206
grün
D8204
C12V
W8521
JST ws s
W8321
rot
C8321
270p
R8314
47R
W8311
weiss
C8311
270p
R8315
47R
R8331
47R
D8331
C12V
W8331
M-Din 4pol.
R8336
47R
R8337
75R
R8332
75R
D8336
C12V
an Signalboard
87791.001
W8461
Kl.6.3
L8447
6u8
neu:150
L8417
6u8
neu:150
C8418
10n/1000V
C8448
10n
100V= / 50.0us
MP03
5.00V= / 10.0us
MP04
200mV= / 50.0us
MP01
5.00V= / 50.0us
MP02
Gitter
87878.050
Basicboard
88211.052
Gitter
W8016
Var.051/052
W8015
nur Var.050
W8212
1pol s XH
C8301
270p
R8301
10M
D8112
LL4148
C8111
270p
D8111
LL4148
C8491
270p
D8491
LL4148
C8391
270p
D8391
LL4148
D8492
LL4148
D8392
LL4148
17.4.02 Ex / 18.6.02 Ri
Benennung:
LOEWE
Bedienung Q2500
Code-Teile-Nr.: 88221
Variante: alle Varianten:050/051/052
Index: C
erst.: Sabew 27.3.02
Datum: 17.04.2002
gepr.:
Datum:



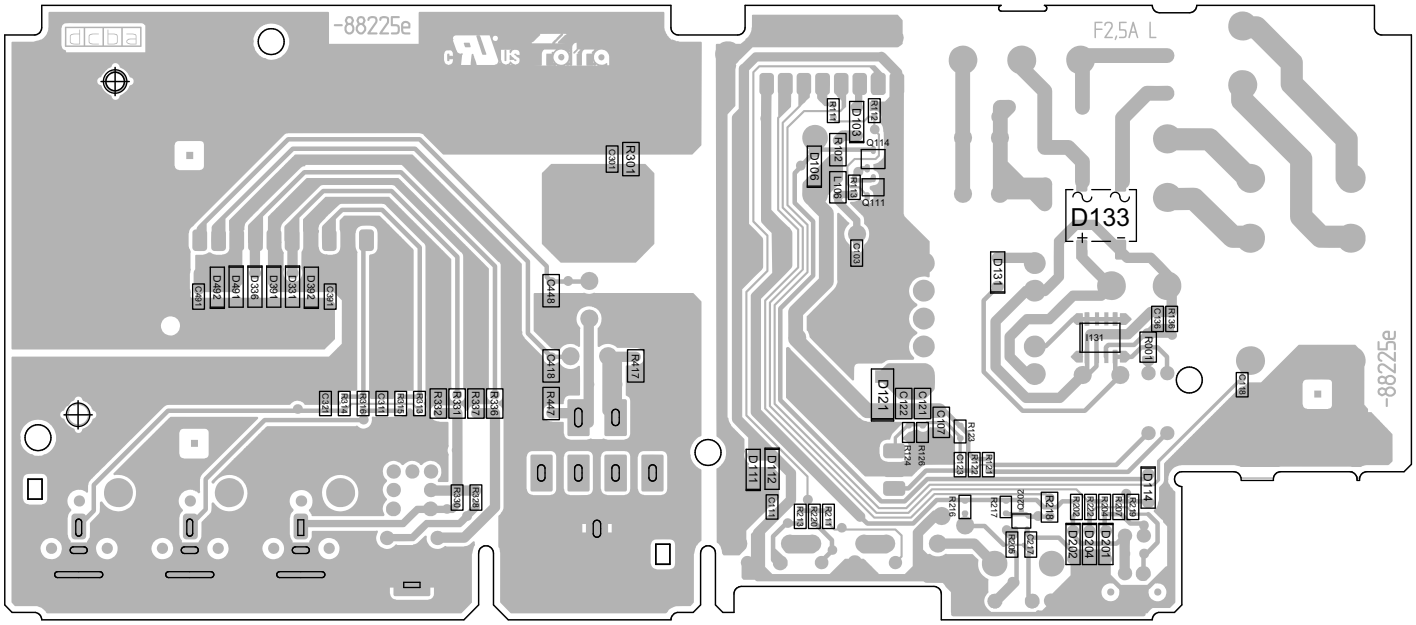


Lpl. Bedienteil 88221C Lötseite • **Control Unit P.C.B 88221C** Solder side

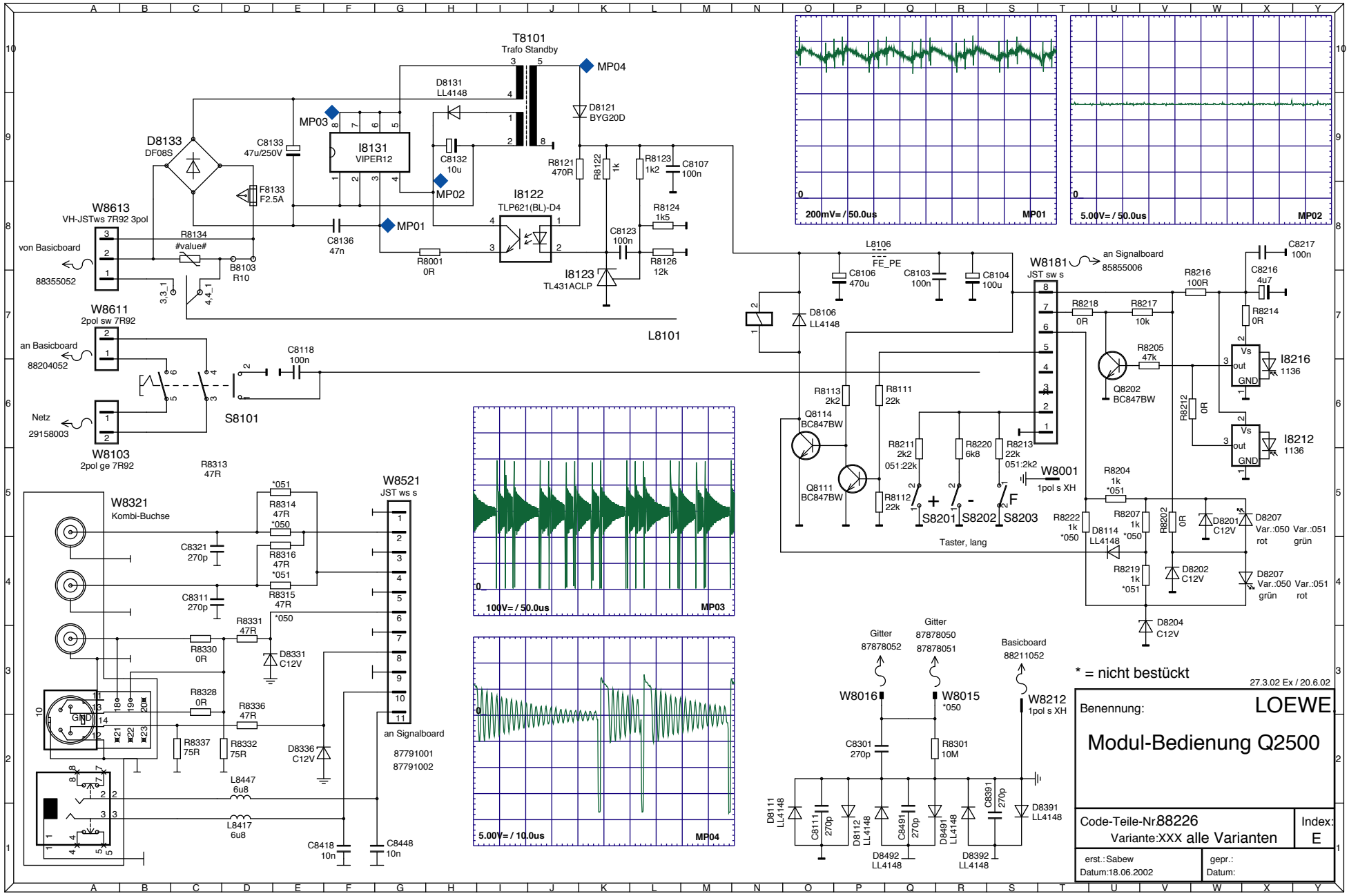

T8101
Trafo Standby
D8136
CMR1U-10M
D8137
1SMB170A
D8133
DF08S
F8133
T630mA
D8131
LL4148
D8121
BYG20D
F8107
T1A
MP03
MP04
MP02
MP01
I8131
VIPER12
C8133
4u7/400V
C8132
10u
C8107
100n
B8104
R10
R8134
#value#
B8103
R10
W8613
VH-JSTws 7R92 3pol
Basicboard
88355052
C8136
47n
I8122
TLP621(BL)-D4
R8121
470R
R8122
1k
R8123
1k2
R8124
1k5
C8123
100n
R8126
12k
I8123
TL431ACLP
L8106
FE_PE
C8106
470u
C8103
100n
C8104
100u
D8106
LL4148
L8101
W8611
2pol sw 7R92
Basicboard
88204052
W8103
Netz
29158001
2pol ge 7R92
S8101
C8118
100n
W8181
JST sw s
an Signalboard
85855006, 85855005
R8218
0R
R8217
10k
R8216
100R
C8216
4u7
C8217
100n
Q8202
BC847BW
R8205
47k
I8216
1136
Vs
out
GND
R8113
2k2
R8111
22k
Q8114
BC847BW
Q8111
BC847BW
R8112
22k
R8213
22k
R8220
6k8
R8211
2k2
S8201
S8202
S8203
F
-
+
R8222
1k
R8207
1k
R8202
0R
D8201
C12V
D8207
grün
D8207
rot
D8114
LL4148
D8202
C12V
D8204
C12V
W8321
Kombi-Buchse
*Var.051: nur
Kopfhörer-
buchse
entfällt in Var.051
R8314
47R
R8315
47R
R8330
0R
R8331
47R
D8331
C12V
C8321
270p
C8311
270p
R8328
0R
R8336
47R
R8337
75R
R8332
75R
D8336
C12V
W8521
JST ws s
L
an Signalboard
87791001
87791002
L8447
6u8
L8417
6u8
C8418
10n
C8448
10n
W8461
Kl.6.3
nur 051
Var.: 050, 051
Brücke grün
22878.001
100V= / 50.0us
MP03
5.00V= / 10.0us
MP04
200mV= / 50.0us
MP01
5.00V= / 50.0us
MP02
Gitter
87878052
Gitter
87878051
87878050
Basicboard
88211052
W8214
1pol s XH
*Var.050/051
W8016
*Var.051
W8015
nur Var.050
W8212
1pol s XH
C8301
270p
R8301
10M
C8111
270p
C8491
270p
C8391
270p
D8111
LL4148
D8112
LL4148
D8491
LL4148
D8391
LL4148
D8492
LL4148
D8392
LL4148
* = entfällt
26.3.02 Ex / 19.6.02 Ri
Benennung:
LOEWE.
Modul-Bedienung Q2500
Code-Teile-Nr.88225.050/051/052/053
Variante:XXX
Index:
e
erst.: Sabew 8.3.02
Datum: 26.03.2002
gepr.:
Datum:

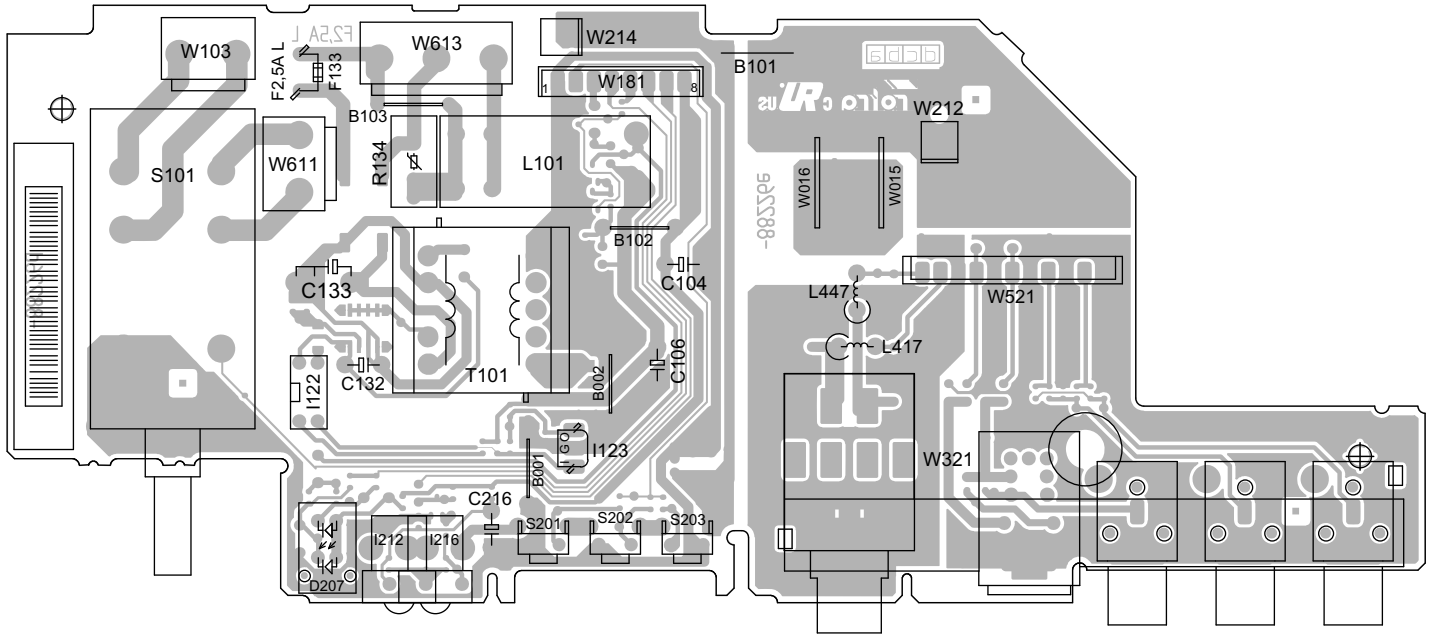


Lpl. Bedienteil 88225E Bestückungsseite • **Control Unit P.C.B 88225E** Components side

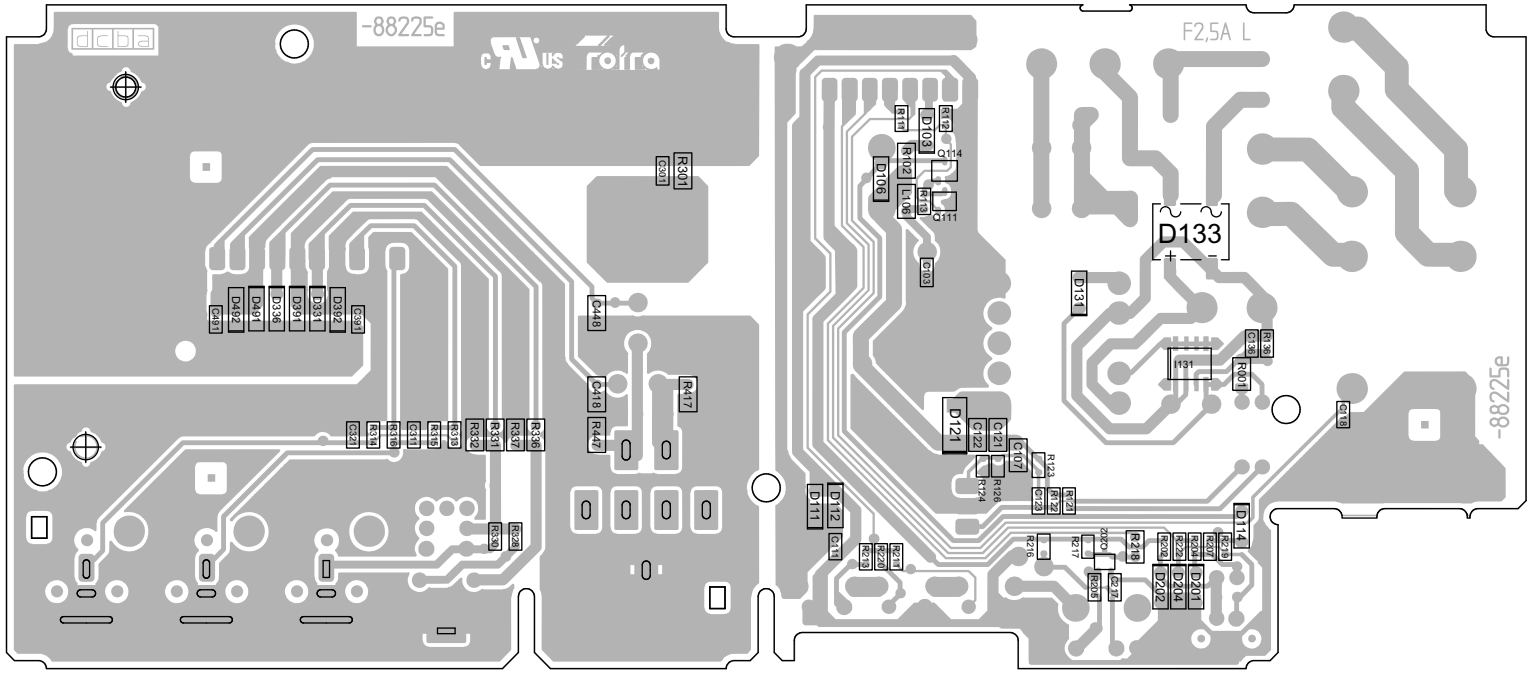


Lpl. Bedienteil 88225E Lötseite • **Control Unit P.C.B 88225E** Solder side

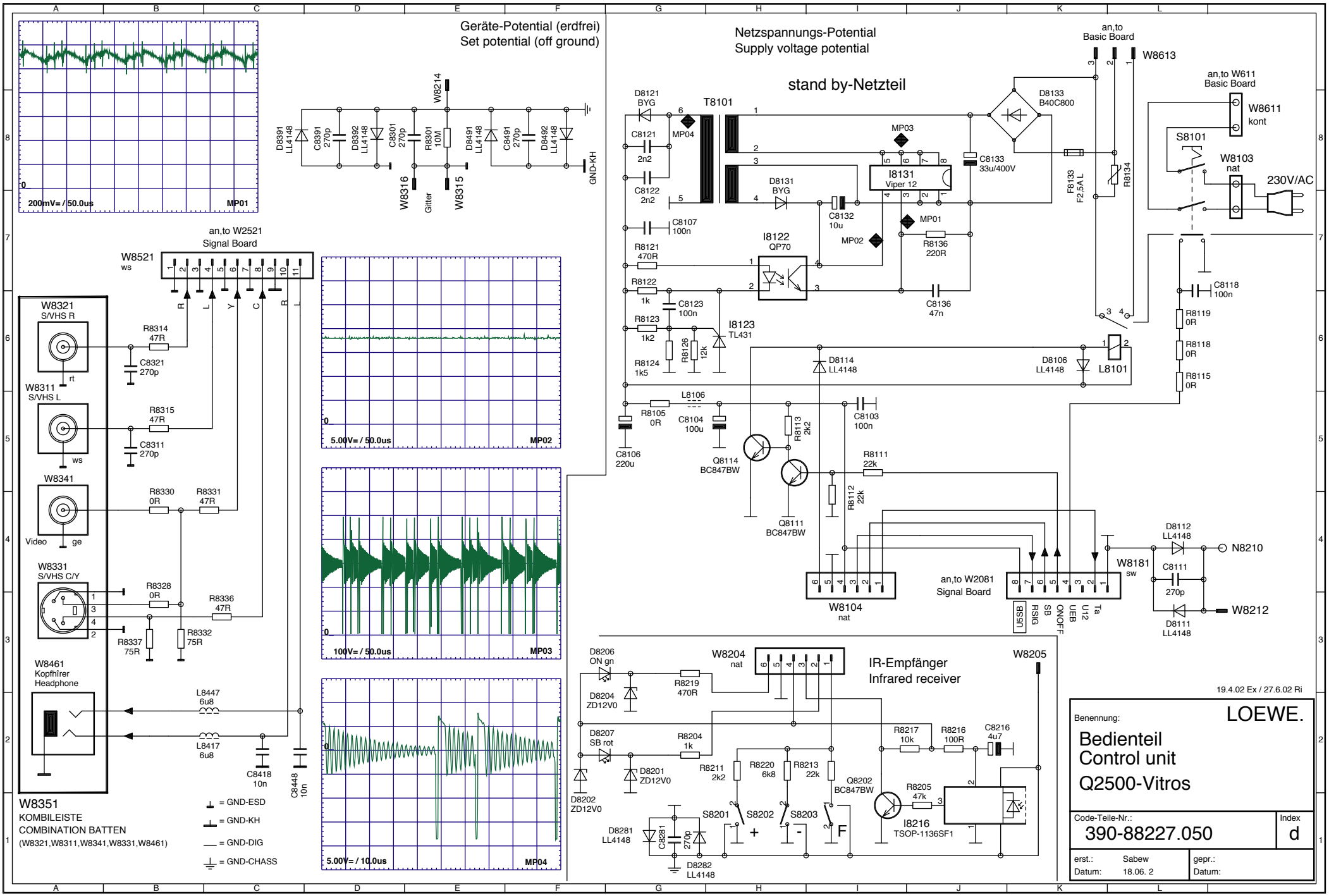

T8101
Trafo Standby
MP04
D8131
LL4148
D8121
BYG20D
MP03
D8133
DF08S
C8133
47u/250V
I8131
VIPER12
C8132
10u
R8121
470R
R8122
1k
R8123
1k2
C8107
100n
F8133
F2.5A
MP02
I8122
TLP621(BL)-D4
R8124
1k5
W8613
VH-JSTws 7R92 3pol
von Basicboard
88355052
R8134
#value#
B8103
R10
C8136
47n
MP01
R8001
0R
C8123
100n
R8126
12k
I8123
TL431ACLP
L8101
W8611
2pol sw 7R92
an Basicboard
88204052
C8118
100n
Netz
29158003
S8101
W8103
2pol ge 7R92
R8313
47R
W8321
Kombi-Buchse
W8521
JST ws s
R8314
47R
*050
R8316
47R
*051
R8315
47R
C8321
270p
C8311
270p
R8331
47R
*050
R8330
0R
D8331
C12V
R8328
0R
R8336
47R
R8337
75R
R8332
75R
D8336
C12V
L8447
6u8
L8417
6u8
C8418
10n
C8448
10n
an Signalboard
87791001
87791002
200mV= / 50.0us
MP01
5.00V= / 50.0us
MP02
L8106
FE_PE
C8106
470u
C8103
100n
C8104
100u
D8106
LL4148
W8181
JST sw s
an Signalboard
85855006
R8218
0R
R8217
10k
R8216
100R
C8217
100n
C8216
4u7
R8214
0R
R8205
47k
Q8202
BC847BW
I8216
1136
R8212
0R
I8212
1136
R8113
2k2
R8111
22k
Q8114
BC847BW
Q8111
BC847BW
R8211
2k2
051:22k
R8220
6k8
R8213
22k
051:2k2
R8112
22k
S8201
S8202
S8203
W8001
1pol s XH
Taster, lang
R8204
1k
*051
R8222
1k
*050
D8114
LL4148
R8207
1k
*050
R8202
0R
D8201
C12V
D8207
Var.:050
rot
Var.:051
grün
R8219
1k
*051
D8202
C12V
D8207
Var.:050
grün
Var.:051
rot
D8204
C12V
100V= / 50.0us
MP03
5.00V= / 10.0us
MP04
Gitter
87878052
Gitter
87878050
87878051
Basicboard
88211052
W8016
W8015
*050
W8212
1pol s XH
C8301
270p
R8301
10M
D8111
LL4148
C8111
270p
D8112
LL4148
C8491
270p
D8491
LL4148
C8391
270p
D8391
LL4148
D8492
LL4148
D8392
LL4148
* = nicht bestückt
27.3.02 Ex / 20.6.02
Benennung:
LOEWE.
Modul-Bedienung Q2500
Code-Teile-Nr 88226
Variante:XXX alle Varianten
Index:
E
erst.: Sabew
Datum:18.06.2002
gepr.:
Datum:

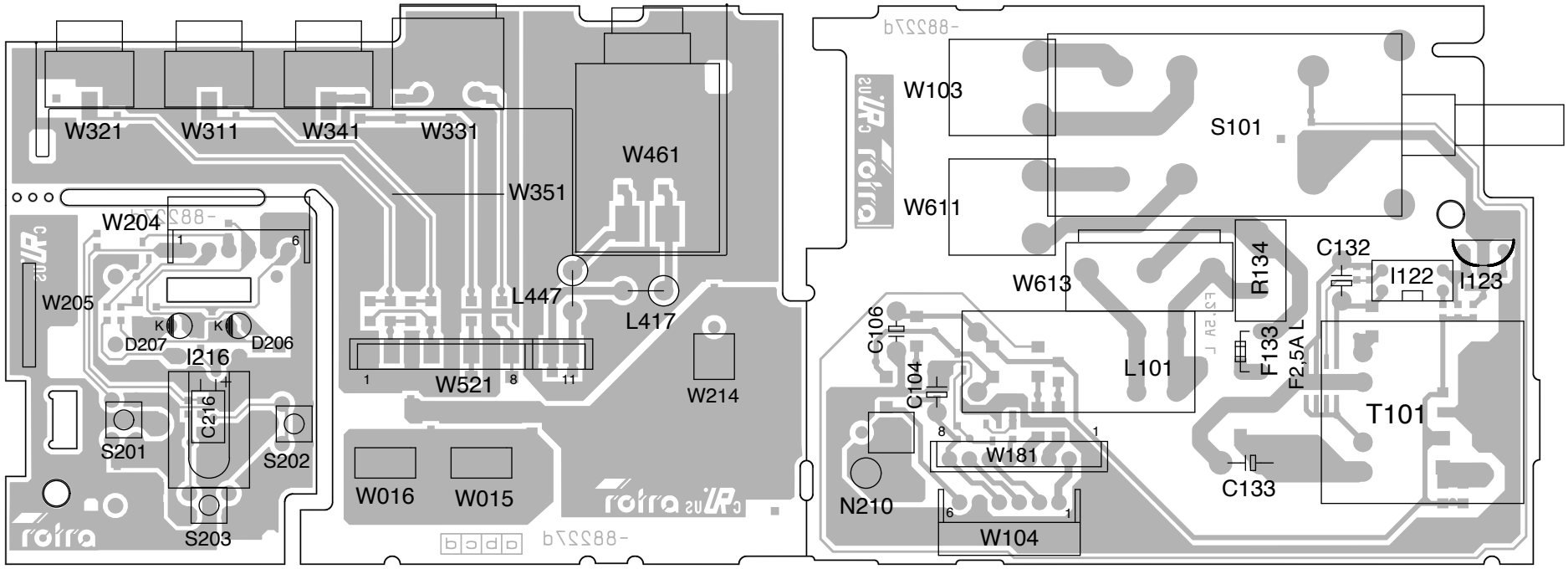


Lpl. Bedienteil 88226E Bestückungsseite • **Control Unit P.C.B 88226E** Components side

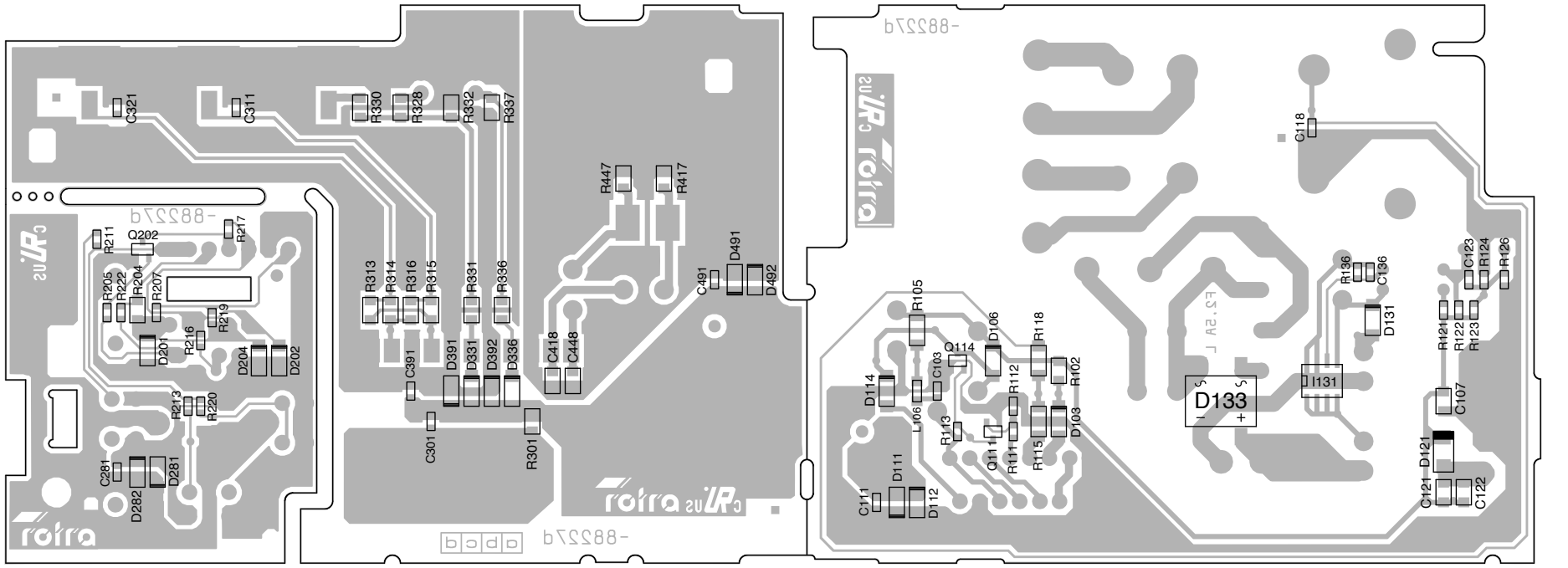


Lpl. Bedienteil 88225E Lötseite • **Control Unit P.C.B 88225E** Solder side

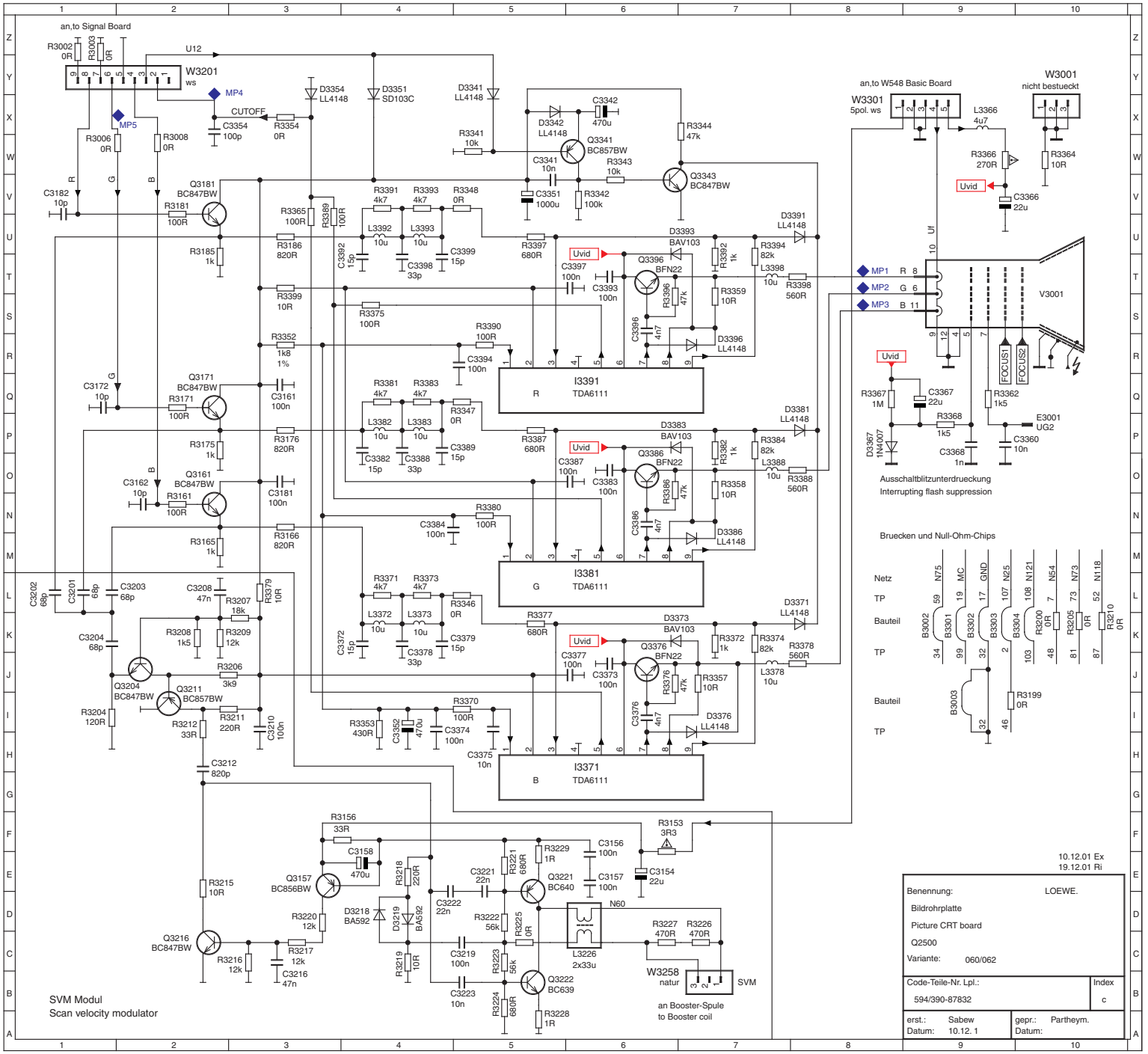

Geräte-Potential (erdfrei)
Set potential (off ground)
Netzspannungs-Potential
Supply voltage potential
stand by-Netzteil
an,to W2521
Signal Board
an,to Basic Board
an,to W611
Basic Board
an,to W2081
Signal Board
IR-Empfänger
Infrared receiver
W8351
KOMBILEISTE
COMBINATION BATTEN
(W8321,W8311,W8341,W8331,W8461)
= GND-ESD
= GND-KH
= GND-DIG
= GND-CHASS
200mV= / 50.0us
MP01
5.00V= / 50.0us
MP02
100V= / 50.0us
MP03
5.00V= / 10.0us
MP04
19.4.02 Ex / 27.6.02 Ri
Benennung:
LOEWE.
Bedienteil
Control unit
Q2500-Vitros
Code-Teile-Nr.:
390-88227.050
Index
d
erst.: Sabew
Datum: 18.06. 2
gepr.:
Datum:

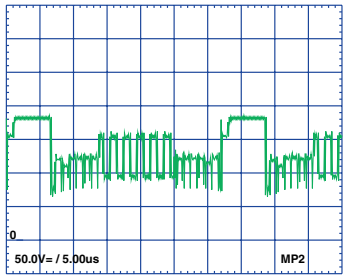


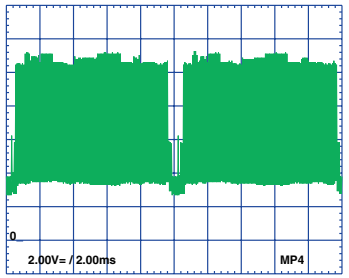
Lpl. Bedienteil 88227D Bestückungsseite • **Control Unit P.C.B 88227D** Components side

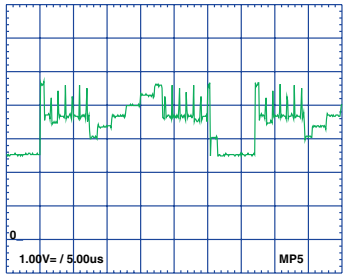


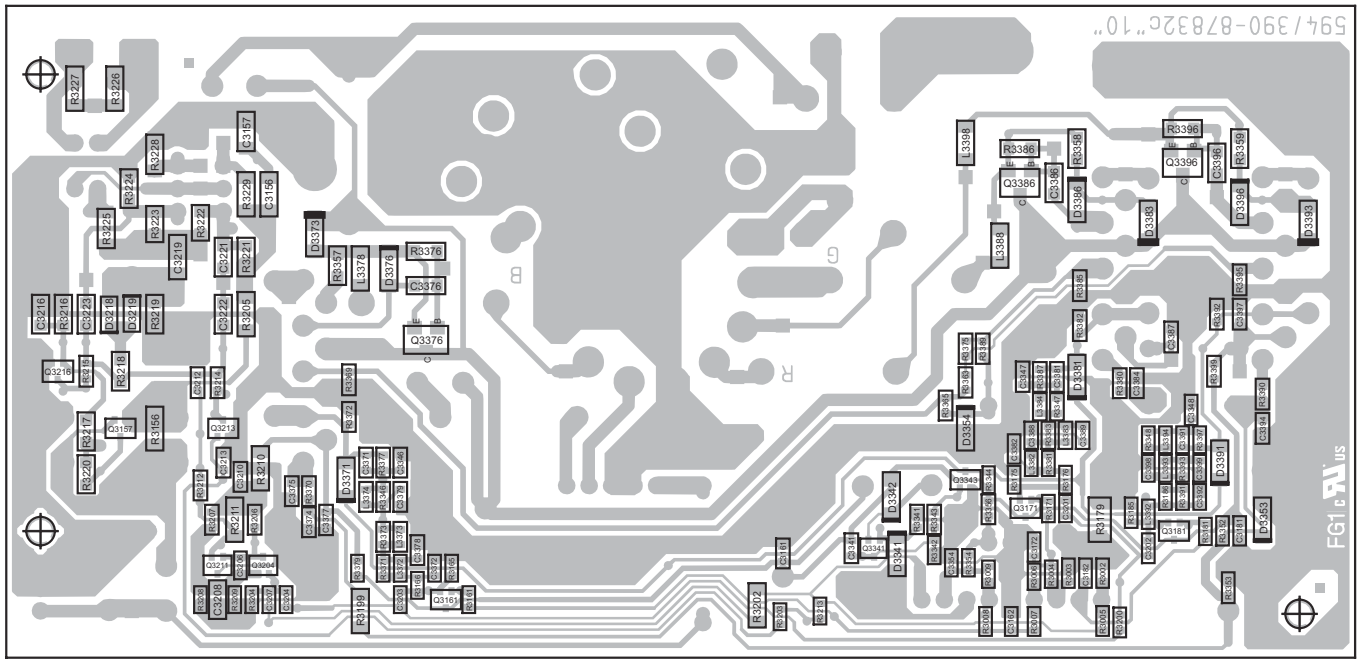
Lpl. Bedienteil 88227D Lötseite • **Control Unit P.C.B 88227D** Solder side


an,to Signal Board
W3201
ws
U12
MP4
MP5
CUTOFF
C3354 100p
R3354 0R
D3354 LL4148
D3351 SD103C
D3341 LL4148
R3341 10k
D3342 LL4148
C3342 470u
Q3341 BC857BW
C3341 10n
R3343 10k
R3344 47k
Q3343 BC847BW
C3351 1000u
R3342 100k
R3006 0R
R3008 0R
C3182 10p
Q3181 BC847BW
R3181 100R
R3185 1k
R3365 100R
R3389 100R
R3391 4k7
R3393 4k7
R3348 0R
L3392 10u
L3393 10u
C3392 15p
C3398 33p
C3399 15p
R3397 680R
R3186 820R
R3399 10R
R3375 100R
R3352 1k8 1%
R3390 100R
C3394 100n
I3391 R TDA6111
D3391 LL4148
D3393 BAV103
R3392 1k
R3394 82k
L3398 10u
R3398 560R
Uvid
C3397 100n
Q3396 BFN22
C3393 100n
R3396 47k
R3359 10R
C3396 4n7
D3396 LL4148
C3172 10p
Q3171 BC847BW
R3171 100R
R3175 1k
C3161 100n
R3176 820R
R3381 4k7
R3383 4k7
L3382 10u
L3383 10u
C3382 15p
C3388 33p
C3389 15p
R3347 0R
R3387 680R
D3381 LL4148
D3383 BAV103
R3382 1k
R3384 82k
L3388 10u
R3388 560R
C3387 100n
Q3386 BFN22
C3383 100n
R3386 47k
R3358 10R
C3386 4n7
D3386 LL4148
C3162 10p
Q3161 BC847BW
R3161 100R
R3165 1k
C3181 100n
R3166 820R
R3380 100R
C3384 100n
I3381 G TDA6111
C3202 68p
C3201 68p
C3203 68p
C3208 47n
R3207 18k
R3379 10R
R3208 1k5
R3209 12k
C3204 68p
R3206 3k9
Q3204 BC847BW
Q3211 BC857BW
R3204 120R
R3212 33R
R3211 220R
C3210 100n
R3371 4k7
R3373 4k7
L3372 10u
L3373 10u
C3372 15p
C3378 33p
C3379 15p
R3346 0R
R3377 680R
D3371 LL4148
D3373 BAV103
R3372 1k
R3374 82k
L3378 10u
R3378 560R
C3377 100n
Q3376 BFN22
C3373 100n
R3376 47k
R3357 10R
C3376 4n7
D3376 LL4148
R3370 100R
R3353 430R
C3352 470u
C3374 100n
C3375 10n
I3371 B TDA6111
C3212 820p
R3156 33R
C3158 470u
R3153 3R3
C3154 22u
R3215 10R
Q3157 BC856BW
R3218 220R
C3221 22n
R3221 680R
R3229 1R
C3156 100n
Q3221 BC640
C3157 100n
C3222 22n
R3220 12k
D3218 BA592
D3219 BA592
R3222 56k
R3225 0R
N60
L3226 2x33u
R3227 470R
R3226 470R
Q3216 BC847BW
R3216 12k
R3217 12k
C3216 47n
R3219 10R
C3219 100n
R3223 56k
C3223 10n
R3224 680R
Q3222 BC639
R3228 1R
W3258 natur
SVM
an Booster-Spule
to Booster coil
SVM Modul
Scan velocity modulator
an,to W548 Basic Board
W3301
5pol. ws
W3001
nicht bestueckt
L3366 4u7
R3366 270R
R3364 10R
C3366 22u
Uf
MP1 R 8
MP2 G 6
MP3 B 11
V3001
FOCUS1
FOCUS2
R3367 1M
C3367 22u
R3362 1k5
R3368 1k5
E3001 UG2
D3367 1N4007
C3368 1n
C3360 10n
Ausschaltblitzunterdrueckung
Interrupting flash suppression
Bruecken und Null-Ohm-Chips
Netz
TP
Bauteil
TP
Bauteil
TP
B3002
B3301
B3302
B3303
B3304
R3200 0R
R3205 0R
R3210 0R
B3003
R3199 0R
N75
MC
GND
N25
N121
N54
N73
N118
10.12.01 Ex
19.12.01 Ri
Benennung: LOEWE.
Bildrohrplatte
Picture CRT board
Q2500
Variante: 060/062
Code-Teile-Nr. Lpl.: 594/390-87832
Index c
erst.: Sabew Datum: 10.12. 1
gepr.: Partheym. Datum:


0
50.0V= / 5.00us
MP2

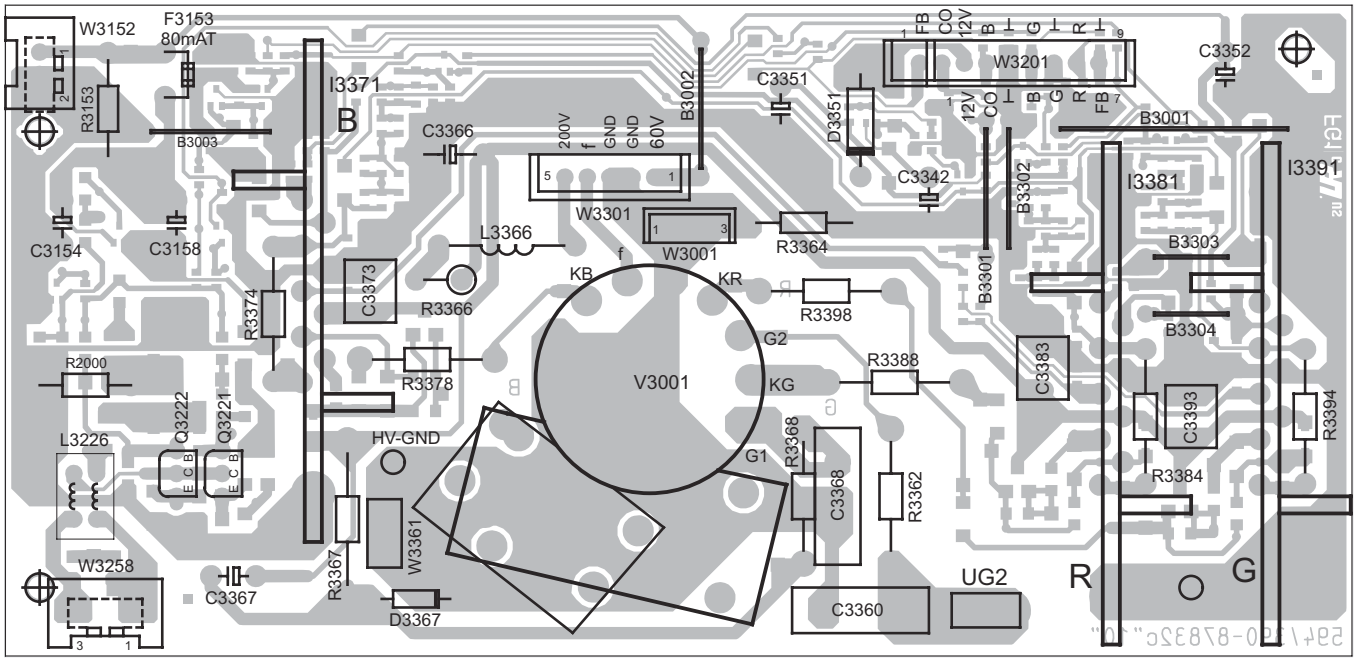

0
2.00V= / 2.00ms
MP4


0
1.00V= / 5.00us
MP5



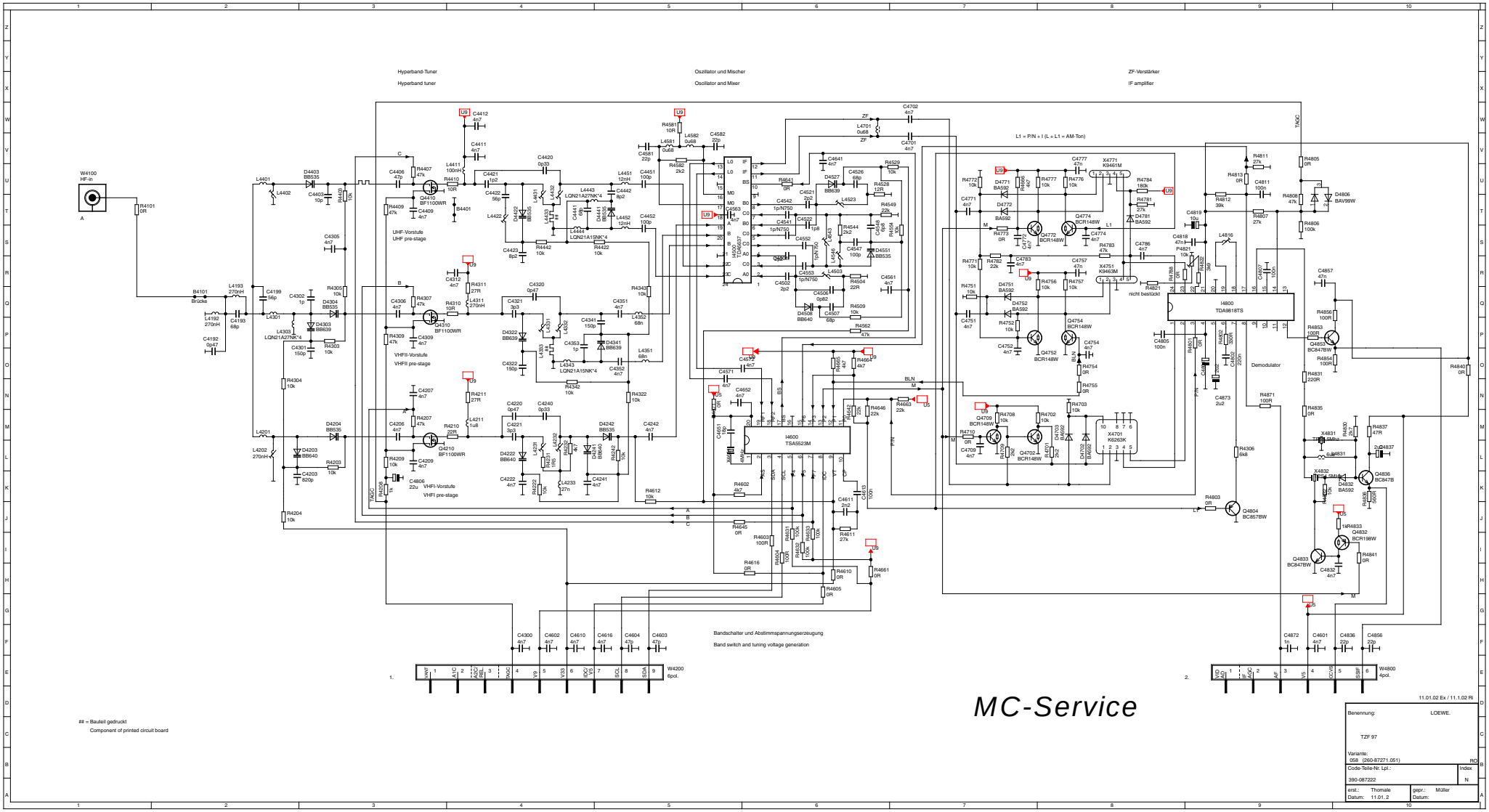
Ltpl. Bildrohrplatte 87832C
Lötseite

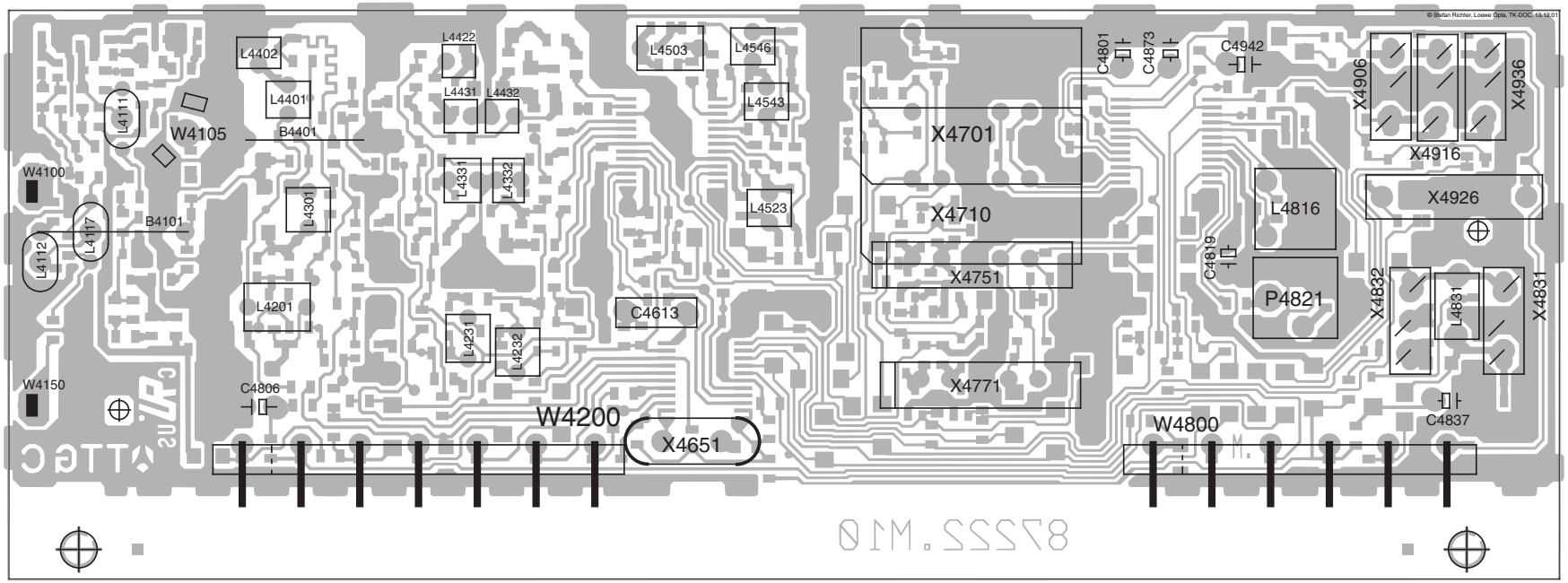
CRT P.C.B 87832C
Solder side



Ltpl. Bildrohrplatte 87832C
Bestückungsseite

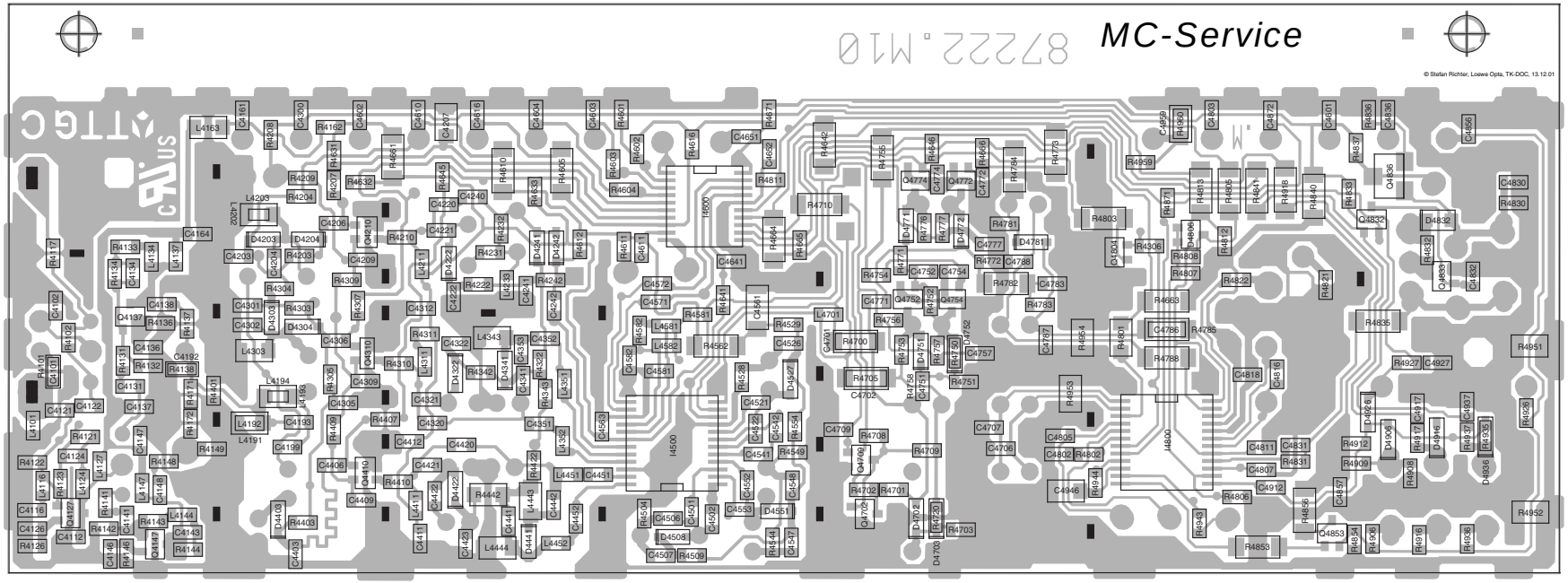
CRT P.C.B 87832C
Components side


Hyperband-Tuner
Hyperband tuner
Oszillator und Mischer
Oscillator and Mixer
ZF-Verstärker
IF amplifier
UHF-Vorstufe
UHF pre-stage
VHF II-Vorstufe
VHF II pre-stage
VHF I-Vorstufe
VHF I pre-stage
Demodulator
Bandschalter und Abstimmspannungserzeugung
Band switch and tuning voltage generation
L1 = P/N + I (L + L1 = AM-Ton)
nicht bestückt
MC-Service
Benennung: LOEWE.
TZF 97
Variante: 058 (260-87271.051)
Code-Teile-Nr. Lpl.: 390-087222
Index N
erst.: Thomale Datum: 11.01.2
gepr.: Müller Datum:
11.01.02 Ex / 11.1.02 Ri
= Bauteil gedruckt
Component of printed circuit board



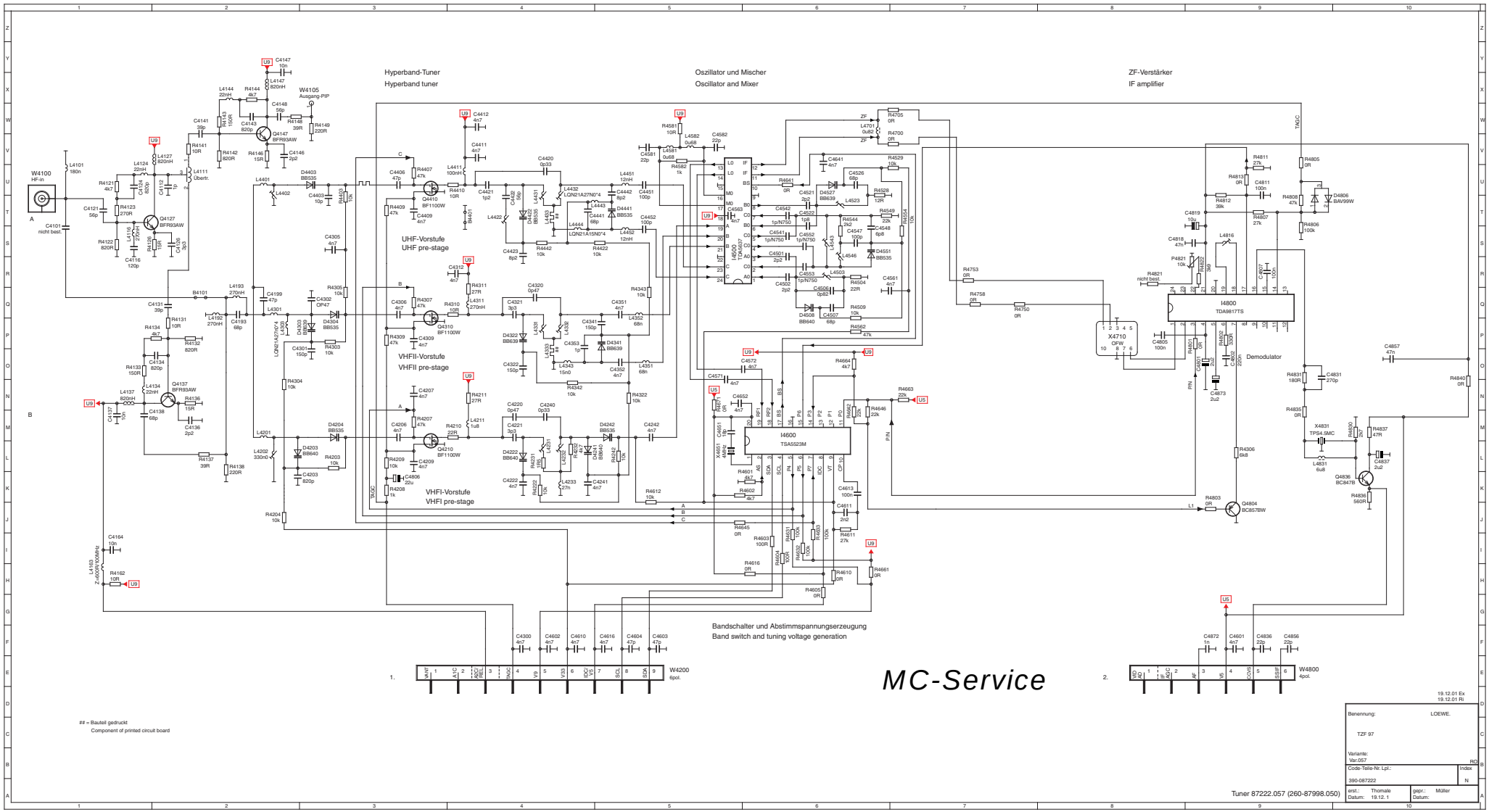
Ltpl. Tuner/ZF 87222M
Bestückungsseite

Tuner/IF P.C.B 87222M
Components side

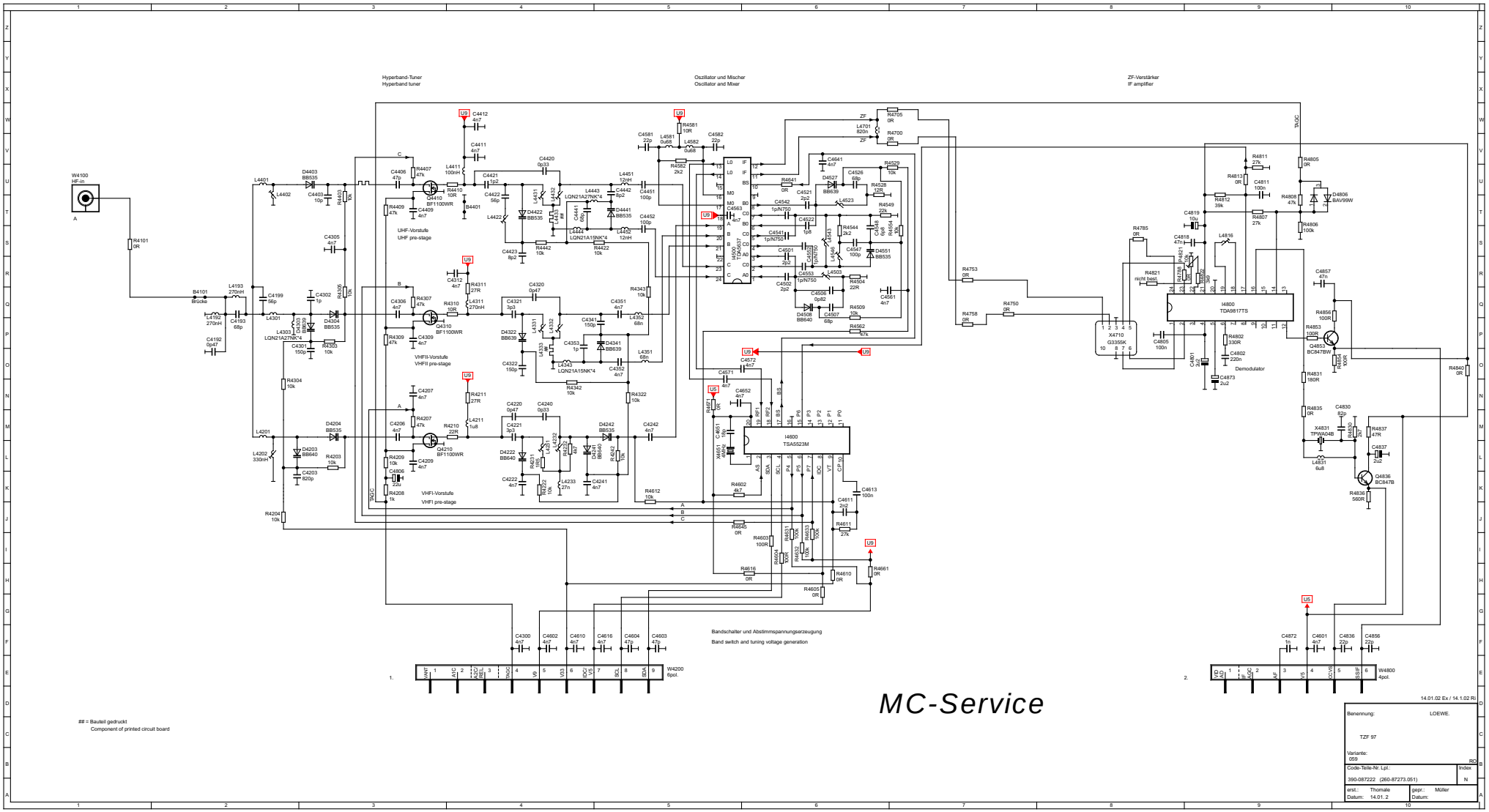


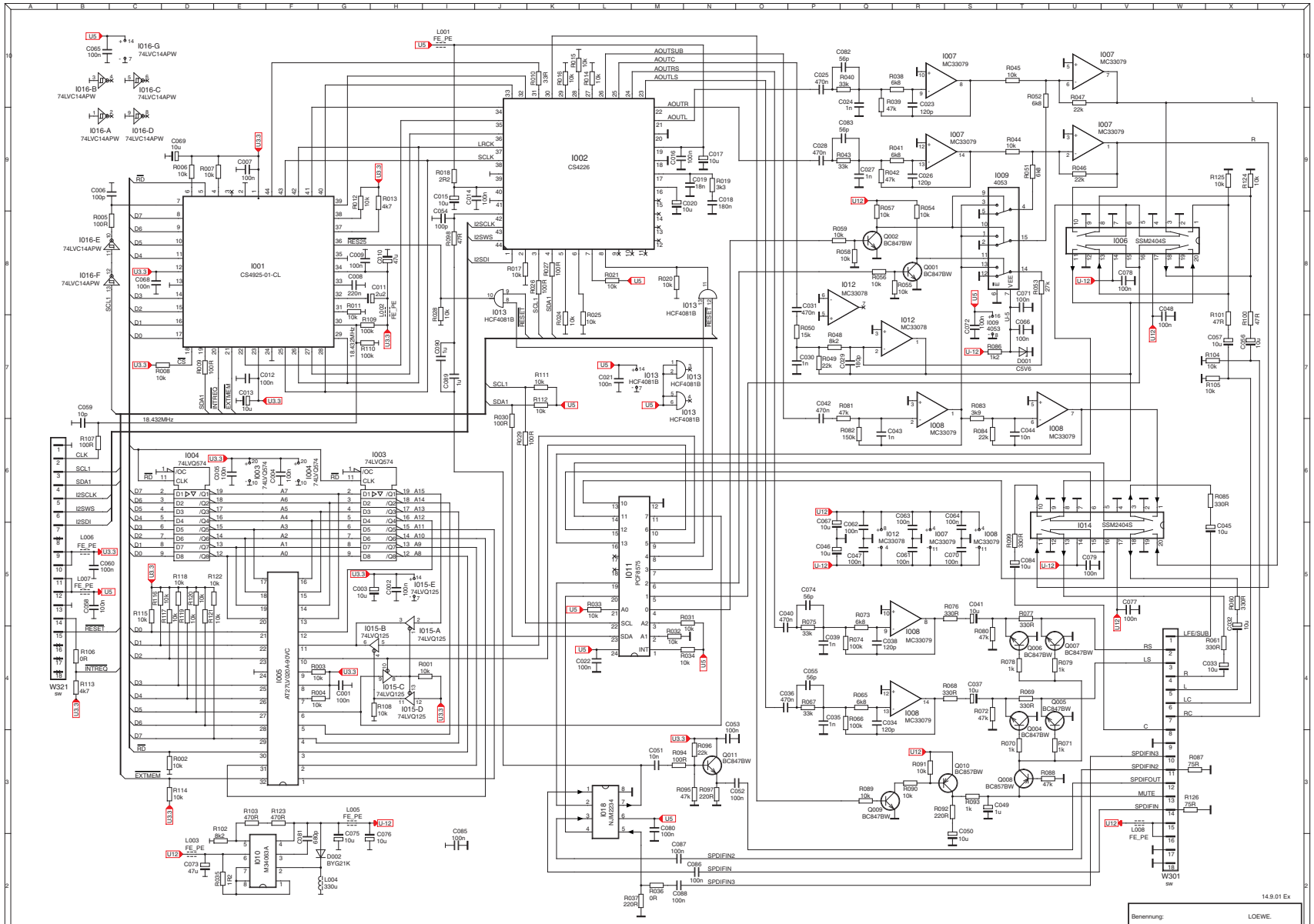
Ltpl. Tuner/ZF 87222M
Lötseite

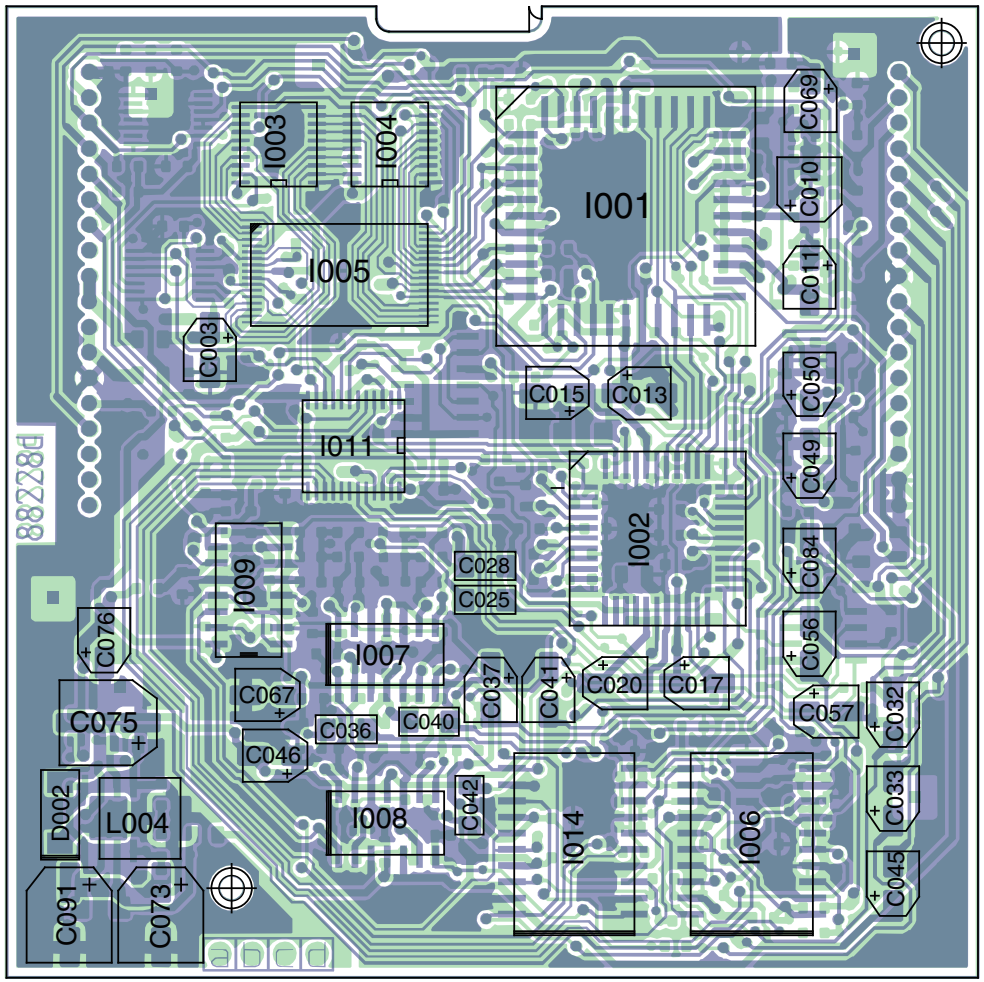
Tuner/IF P.C.B 87222M
Solder Side


Hyperband-Tuner
Hyperband tuner
Oszillator und Mischer
Oscillator and Mixer
ZF-Verstärker
IF amplifier
UHF-Vorstufe
UHF pre-stage
VHFII-Vorstufe
VHFII pre-stage
VHFI-Vorstufe
VHFI pre-stage
Demodulator
Bandschalter und Abstimmspannungserzeugung
Band switch and tuning voltage generation
W4100
HF-in
W4105
Ausgang-PIP
W4200
6pol.
W4800
4pol.
I4600
TSA5523M
I4800
TDA9817TS
X4710
OFW
MC-Service
= Bauteil gedruckt
Component of printed circuit board
Tuner 87222.057 (260-87998.050)
Benennung: LOEWE.
TZF 97
Variante:
Var.057
Code-Teile-Nr. Lpl.:
390-087222
Index
N
erst.: Thomale
Datum: 19.12. 1
gepr.: Müller
Datum:
19.12.01 Ex
19.12.01 Ri

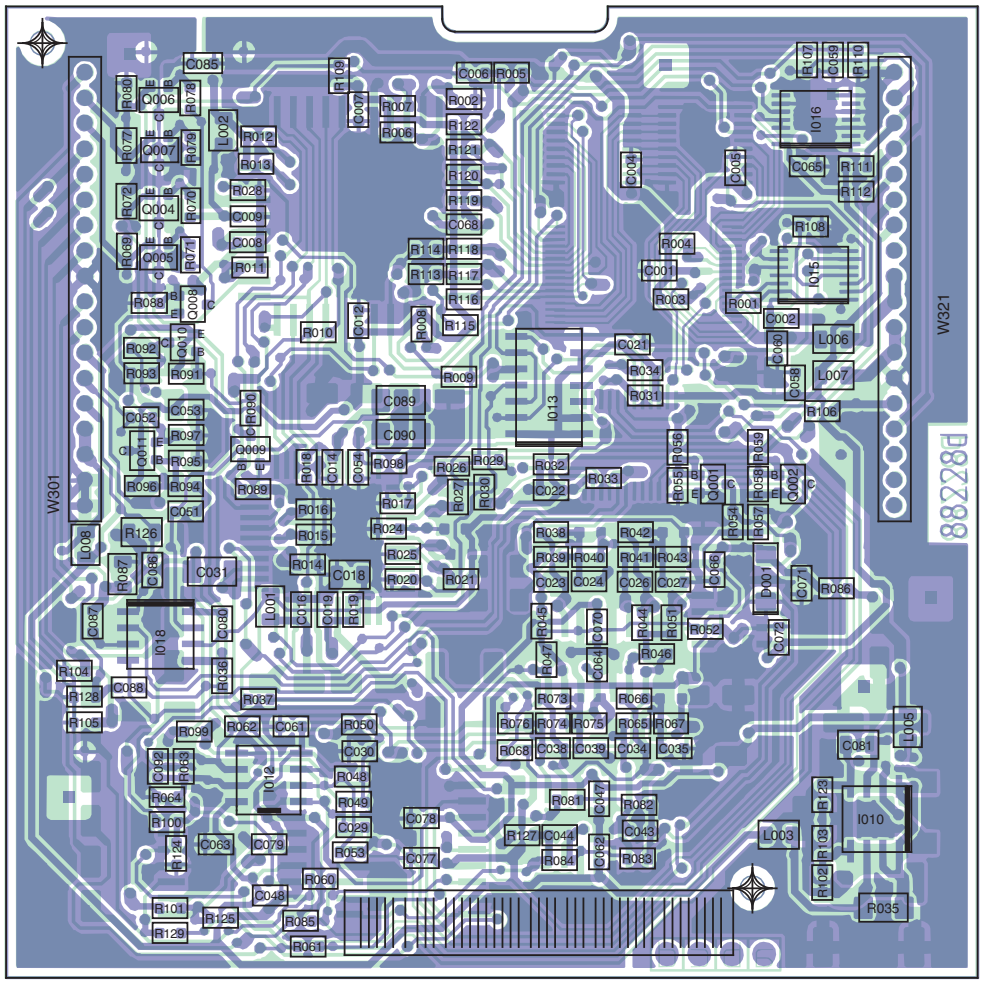
87222.057


Hyperband-Tuner
Hyperband tuner
Oszillator und Mischer
Oscillator and Mixer
ZF-Verstärker
IF amplifier
UHF-Vorstufe
UHF pre-stage
VHFII-Vorstufe
VHFII pre-stage
VHFI-Vorstufe
VHFI pre-stage
Bandschalter und Abstimmspannungserzeugung
Band switch and tuning voltage generation
Demodulator
MC-Service
= Bauteil gedruckt
Component of printed circuit board
Benennung: LOEWE.
TZF 97
Variante: 059
Code-Teile-Nr. Lpl.: 390-087222 (260-87273.051)
Index N
erst.: Thomale
gepr.: Müller
Datum: 14.01.2
Datum:
14.01.02 Ex / 14.1.02 Ri


MC-Service
Benennung: LOEWE.
AC3-Modul
Dolby Digital
Code-Teile-Nr.: 396-88228
Variante: alle Varianten
Index: c
erst.: Kestel
Datum:14.09.2001
gepr.:
Datum:
14.9.01 Ex

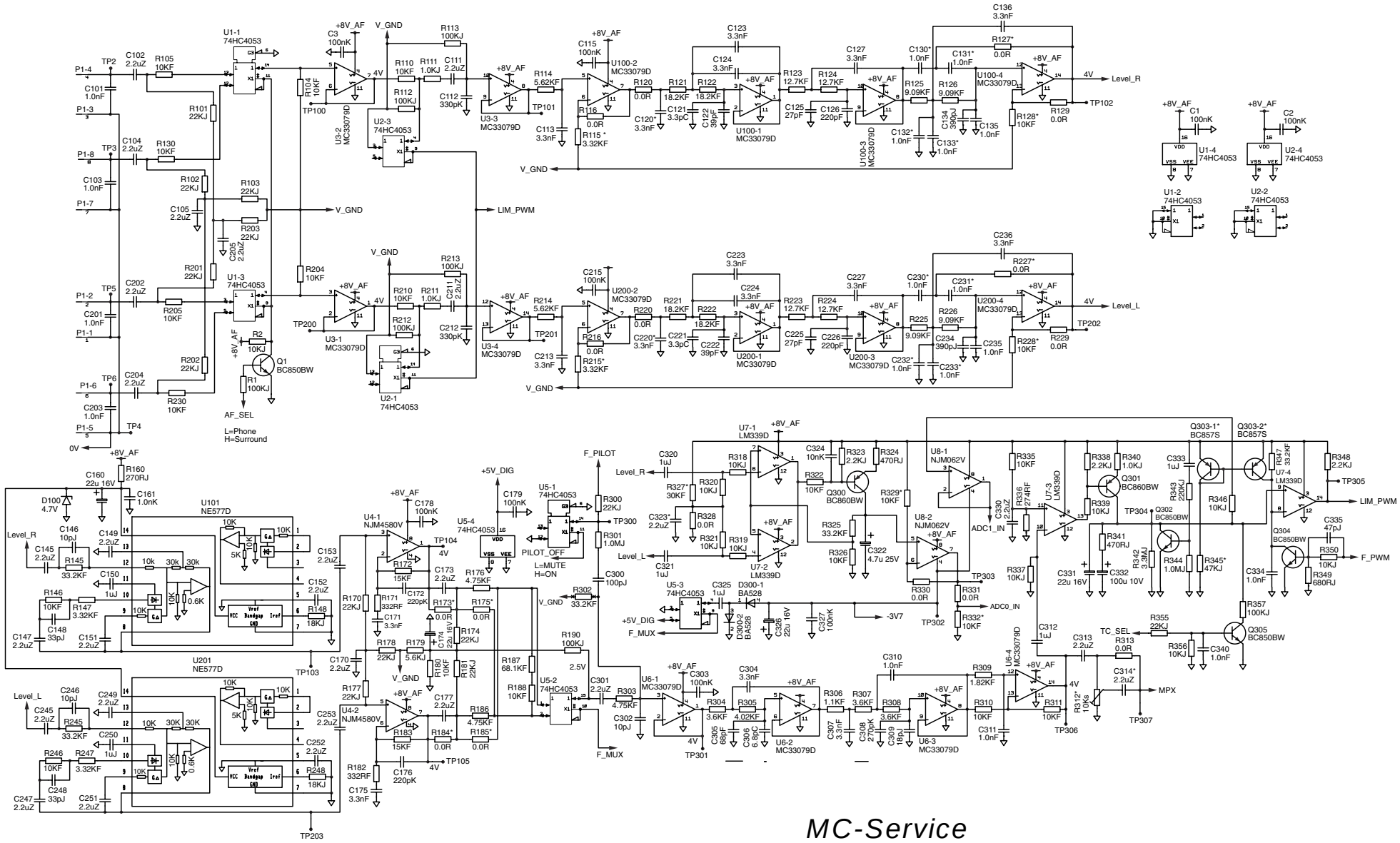


Lpl. AC3 88228D Bestückungsseite
AC3 P.C.B 88228D Components side



Lpl. AC3 88228D Lötseite
AC3 P.C.B 88228D Solder side

MC-Service



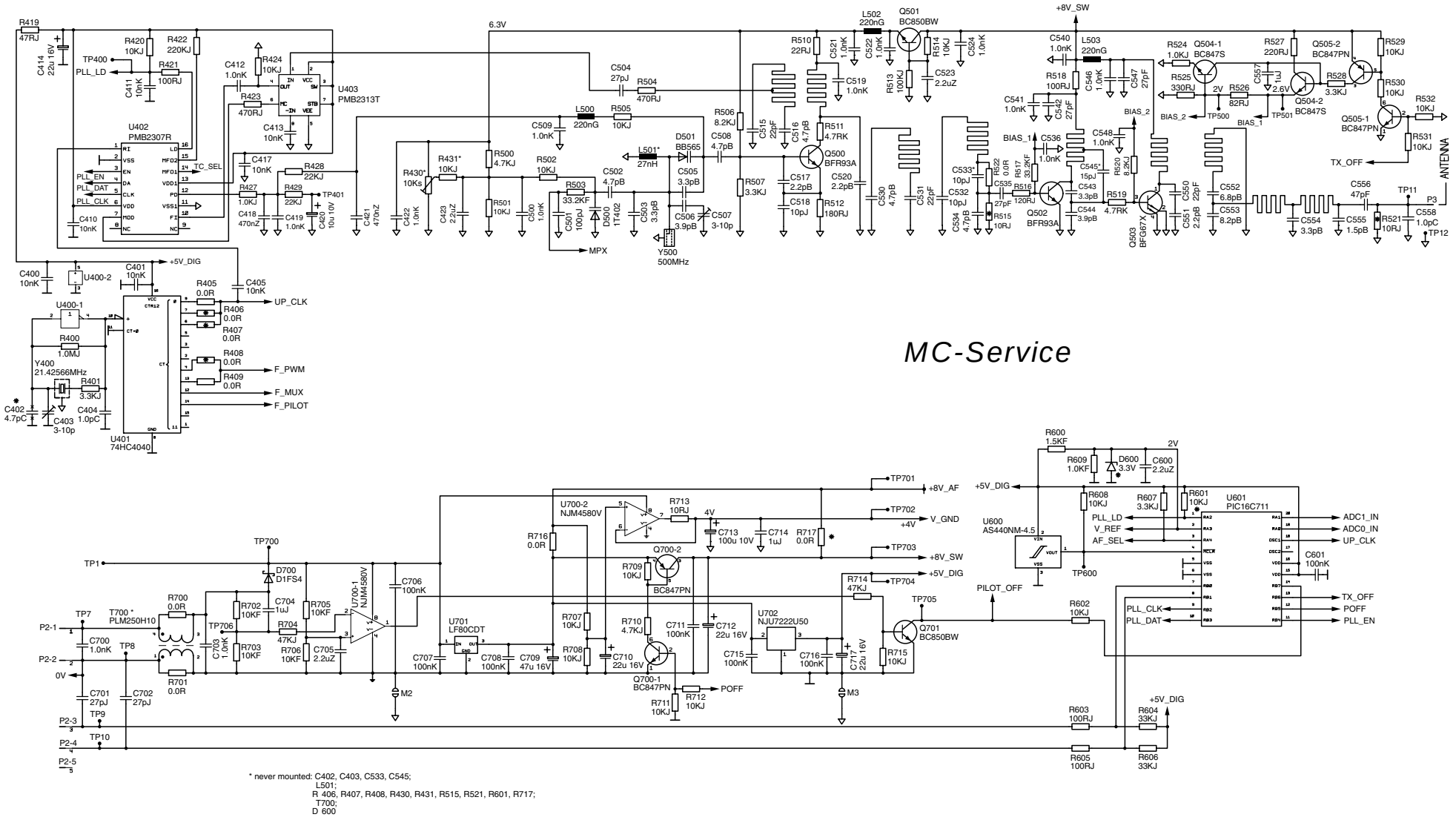
* never mounted: C120, C130, C131, C132, C133, C220, C230, C231, C232, C233, C314, C323;

R173, R175, R184, R185, R115, R127, R128, R215, R227, R228, R312, R327, R328, R332, R345;

Q303;

Schaltplan 1 HF-Sender 88066.001

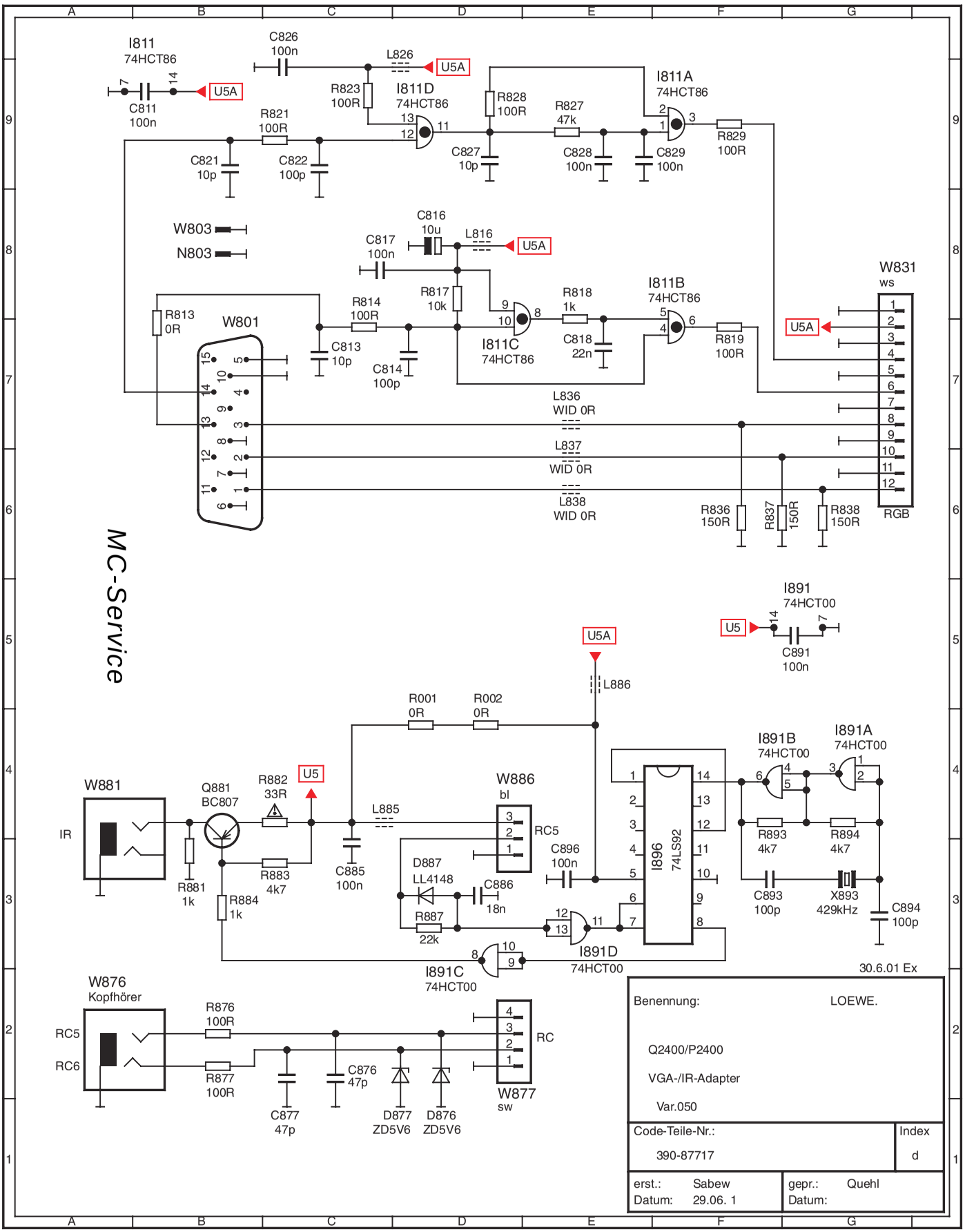
RF Transmitter schematic (1) 88066.001



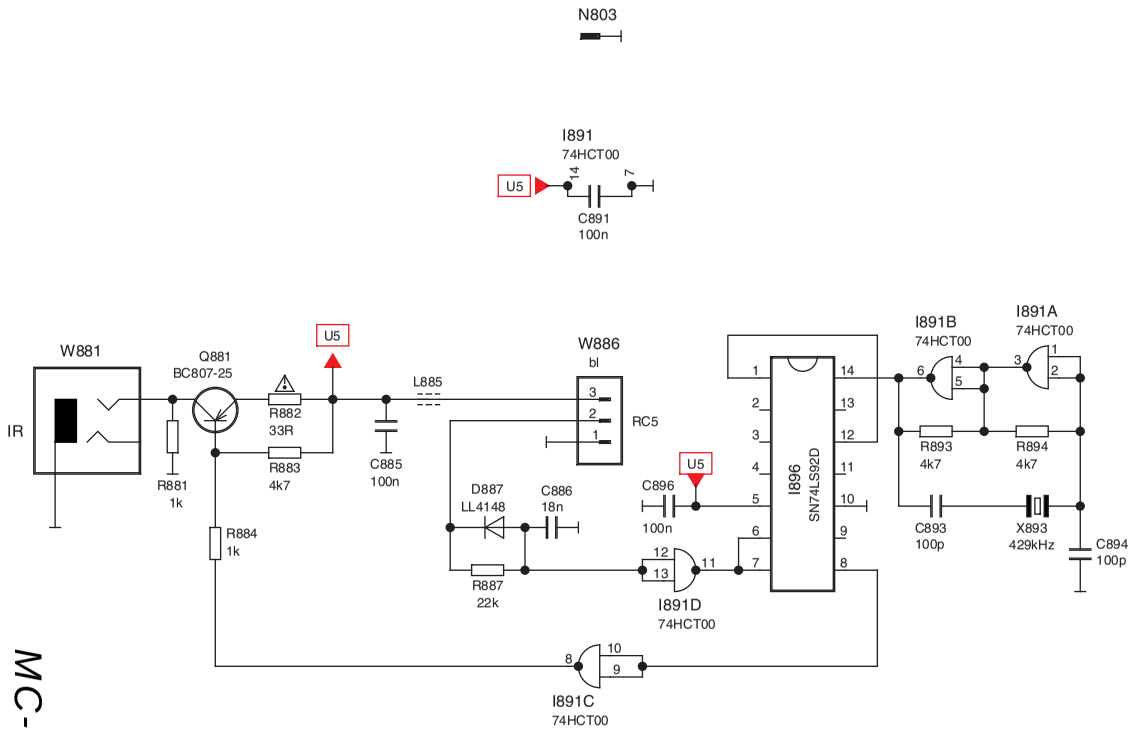
* never mounted: C402, C403, C533, C545;
L501;
R 406, R407, R408, R430, R431, R515, R521, R601, R717;
T700;
D 600

Schaltplan 2 HF-Sender 88066.001

RF Transmitter schematic (2) 88066.001



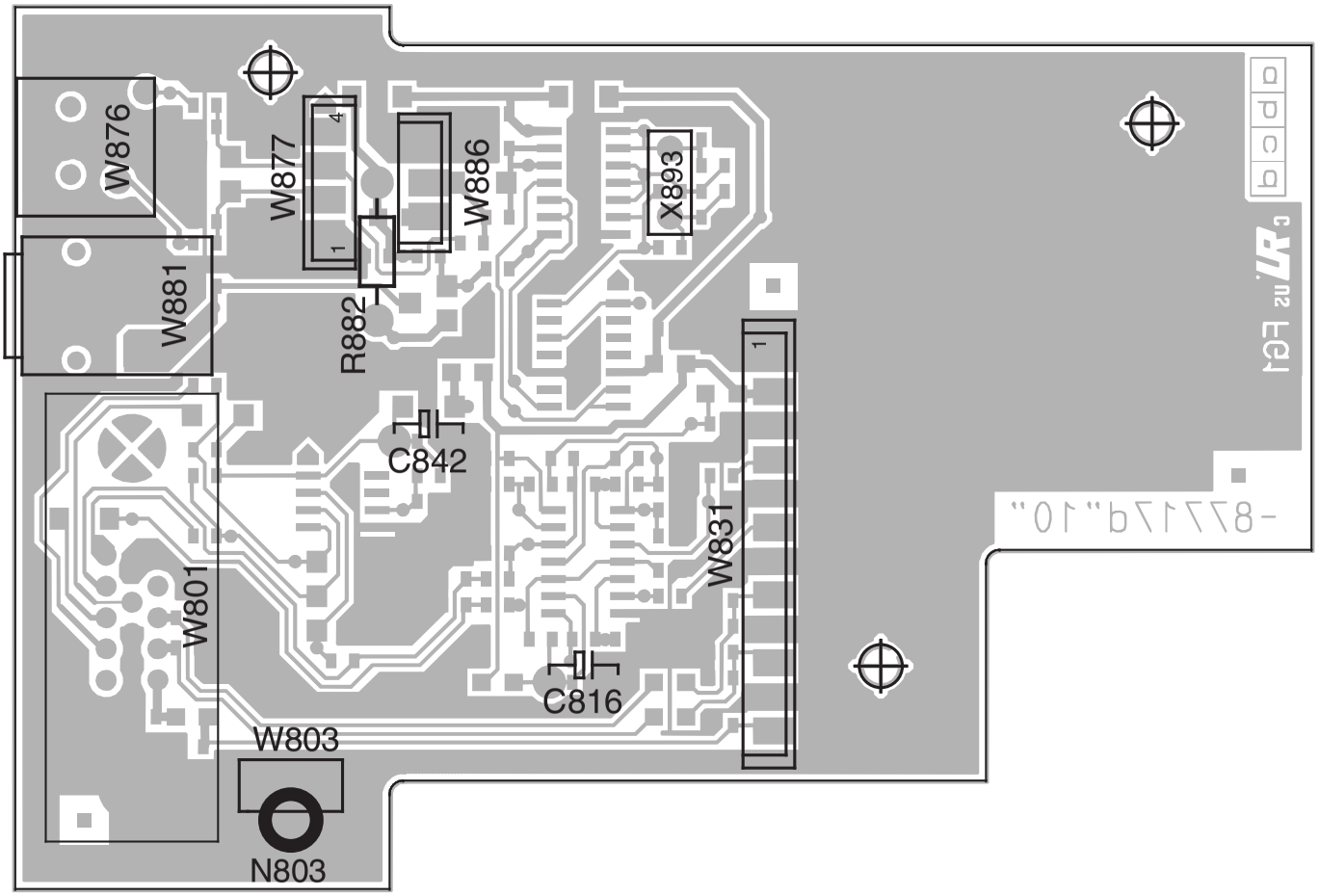
Schaltbild VGA/IR Adapter 87717.050 **VGA/IR Adapter schematic 87717.050**



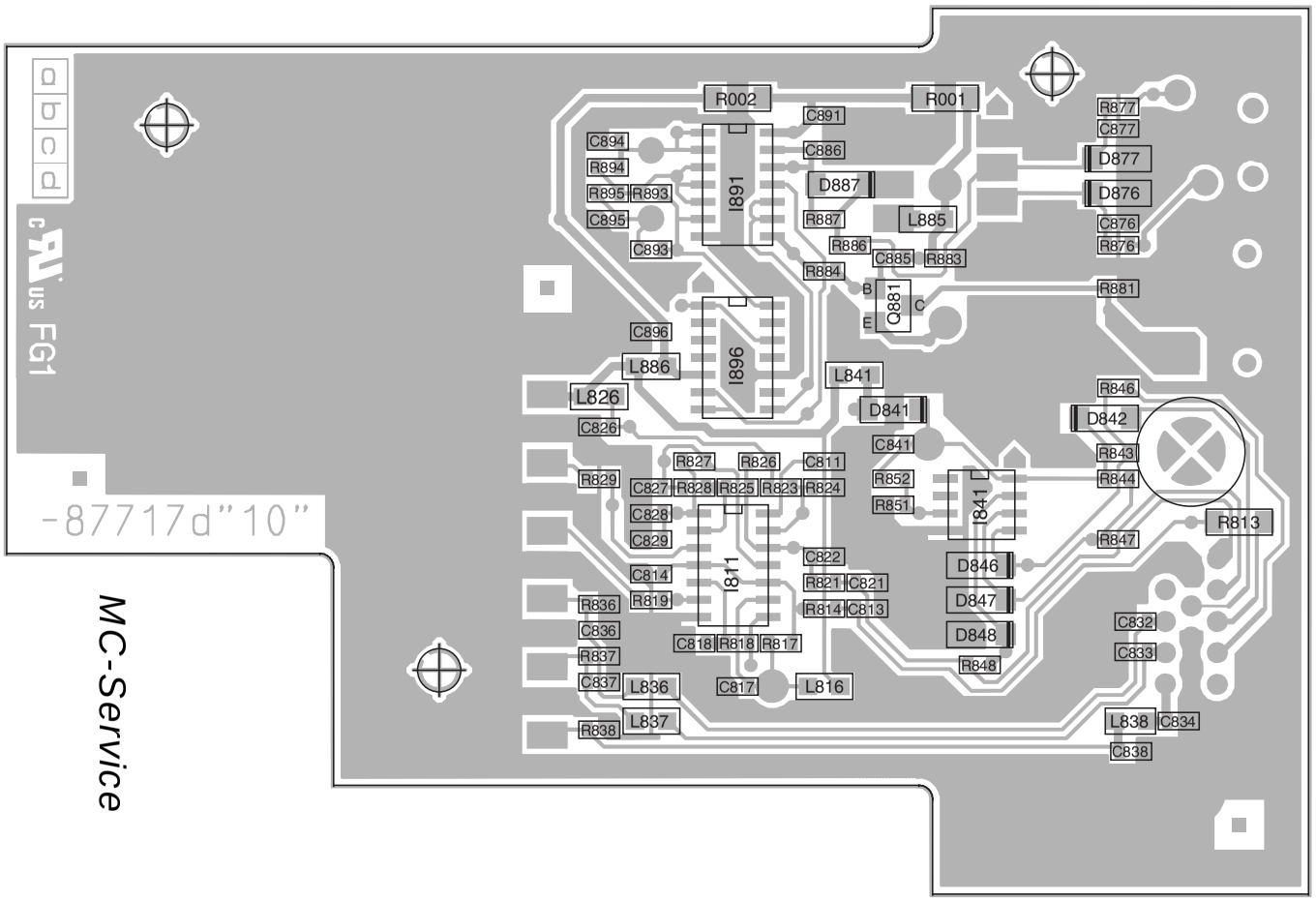
MC-Service

5.3.02 Ex/11.3.02 Ri

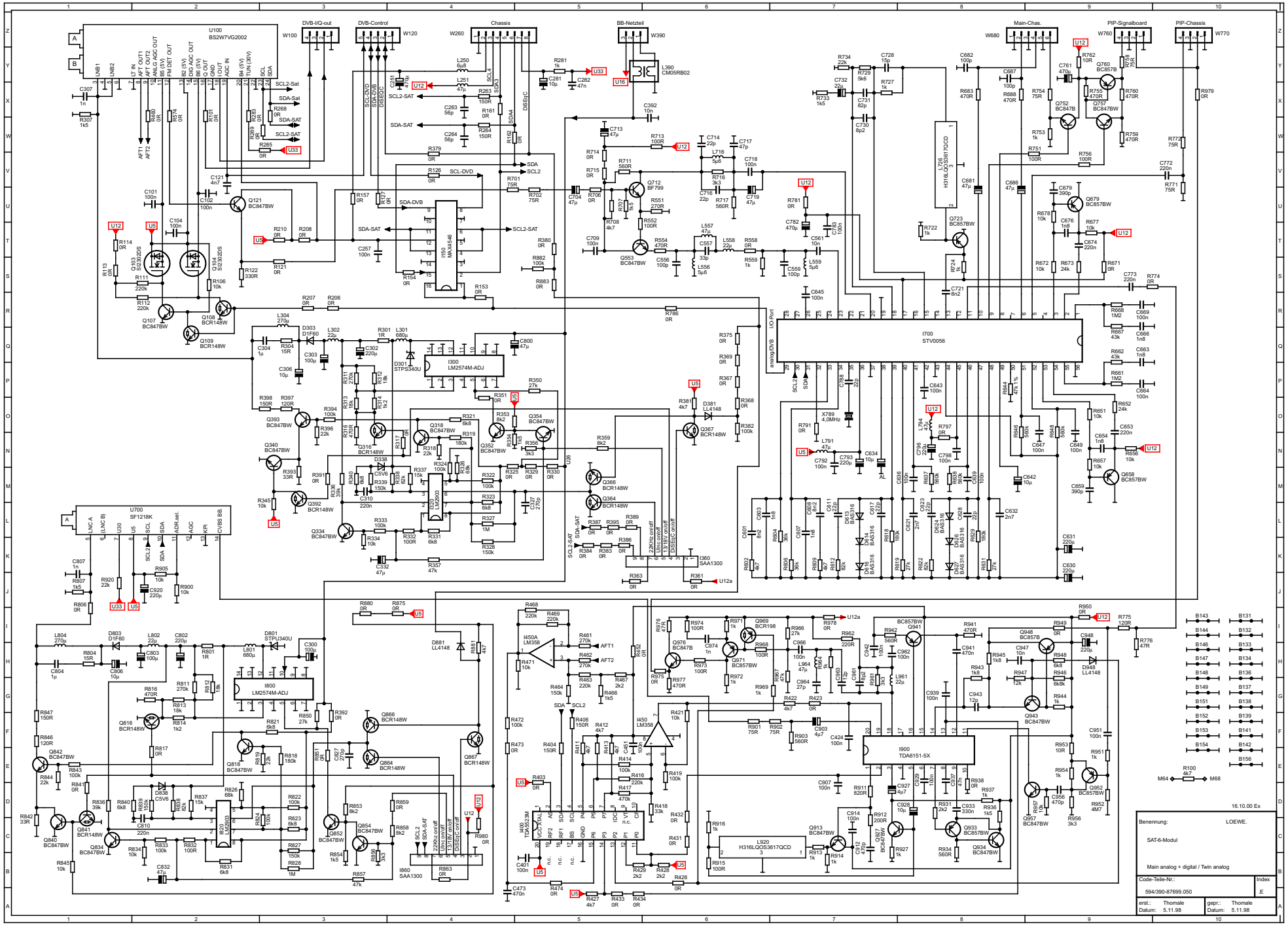
Benennung: LOEWE.			
Q2400 VGA-/IR-Adapter			
Code-Teile-Nr.: 390-87717.070			Index D
erst.: Sabew Datum: 8.2.01		gepr.: Quehl Datum:	

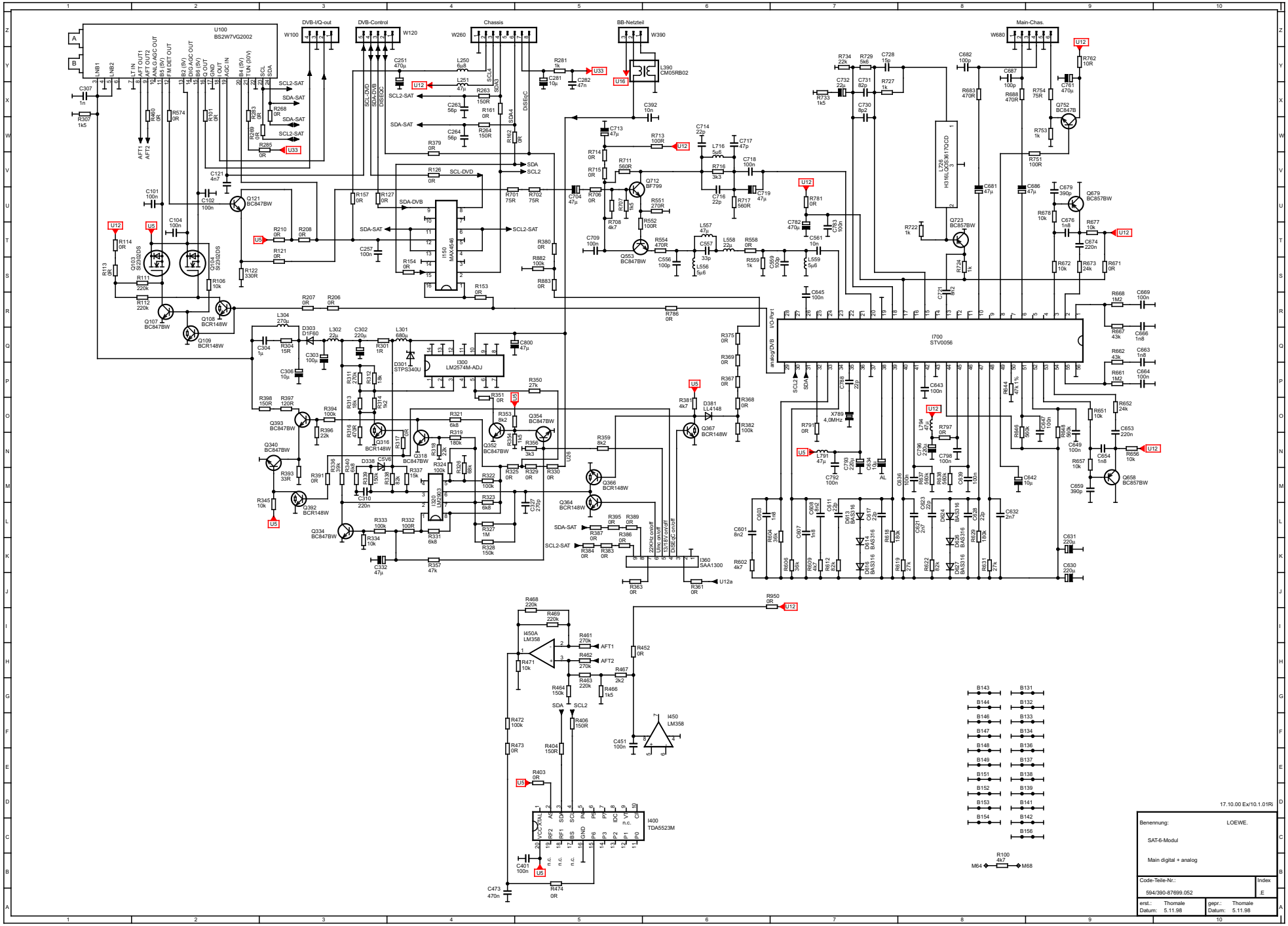


Ltpl. VGA/IR-Adapter 87717D Bestückungsseite • **VGA/IR Adaptor 87717D** Components side



Ltpl. VGA/IR-Adapter 87717D Lötseite • **VGA/IR Adaptor 87717D** Solder side


DVB-I/Q-out
DVB-Control
Chassis
BB-Netzteil
Main-Chas.
PIP-Signalboard
PIP-Chassis
U100
BS2W7VG2002
I150
MAX4546
I300
LM2574M-ADJ
I700
STV0056
I360
SAA1300
U700
SF1218K
I800
LM2574M-ADJ
I450A
LM358
I900
TDA6151-5X
I400
TDA5523M
L920
H316LQQS3617QCD
L726
H316LQQS3617QCD
16.10.00 Ex
Benennung:
LOEWE.
SAT-6-Modul
Main analog + digital / Twin analog
Code-Teile-Nr.:
594/390-87699.050
Index
.E
erst.: Thomale
Datum: 5.11.98
gepr.: Thomale
Datum: 5.11.98


U100
BS2W7VG2002
DVB-I/Q-out
DVB-Control
Chassis
BB-Netzteil
Main-Chas.
I700
STV0056
I300
LM2574M-ADJ
I150
MAX4546
I450
LM358
I400
TDA5523M
I360
SAA1300
Q712
BF799
Q552
BC847BW
Q553
BC847BW
Q723
BC857BW
Q752
BC847B
Q679
BC857BW
Q658
BC857BW
Q103
SI2302DS
Q104
SI2302DS
Q107
BC847BW
Q108
BCR148W
Q109
BCR148W
Q121
BC847BW
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BCR148W
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Q383
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Q392
BCR148W
D303
D1F60
D301
STPS340U
D381
LL4148
D613
BAS316
D614
BAS316
D615
BAS316
D616
BAS316
D626
BAS316
D627
BAS316
X789
4.0MHz
L726
H316L0QS3617QCD
LNB1
LNB2
LT IN
AFT OUT1
AFT OUT2
AM AGC OUT
B5 (9V)
FM DET OUT
B2 (5V)
B3 AGC OUT
B6 (8V)
Q OUT
GND
I OUT
AGC IN
B4 (6V)
TUN (30V)
SCL
SDA
SCL2-SAT
SDA-SAT
AFT1
AFT2
SCL-DVD
SDA-DVB
DISEQC
SCL2
SDA
SDA4
SCL4
SDA3
I2C-Part
analog/DVB
I/Q-Part
Benennung:
LOEWE.
SAT-6-Modul
Main digital + analog
Code-Teile-Nr.:
594/390-87699.052
Index
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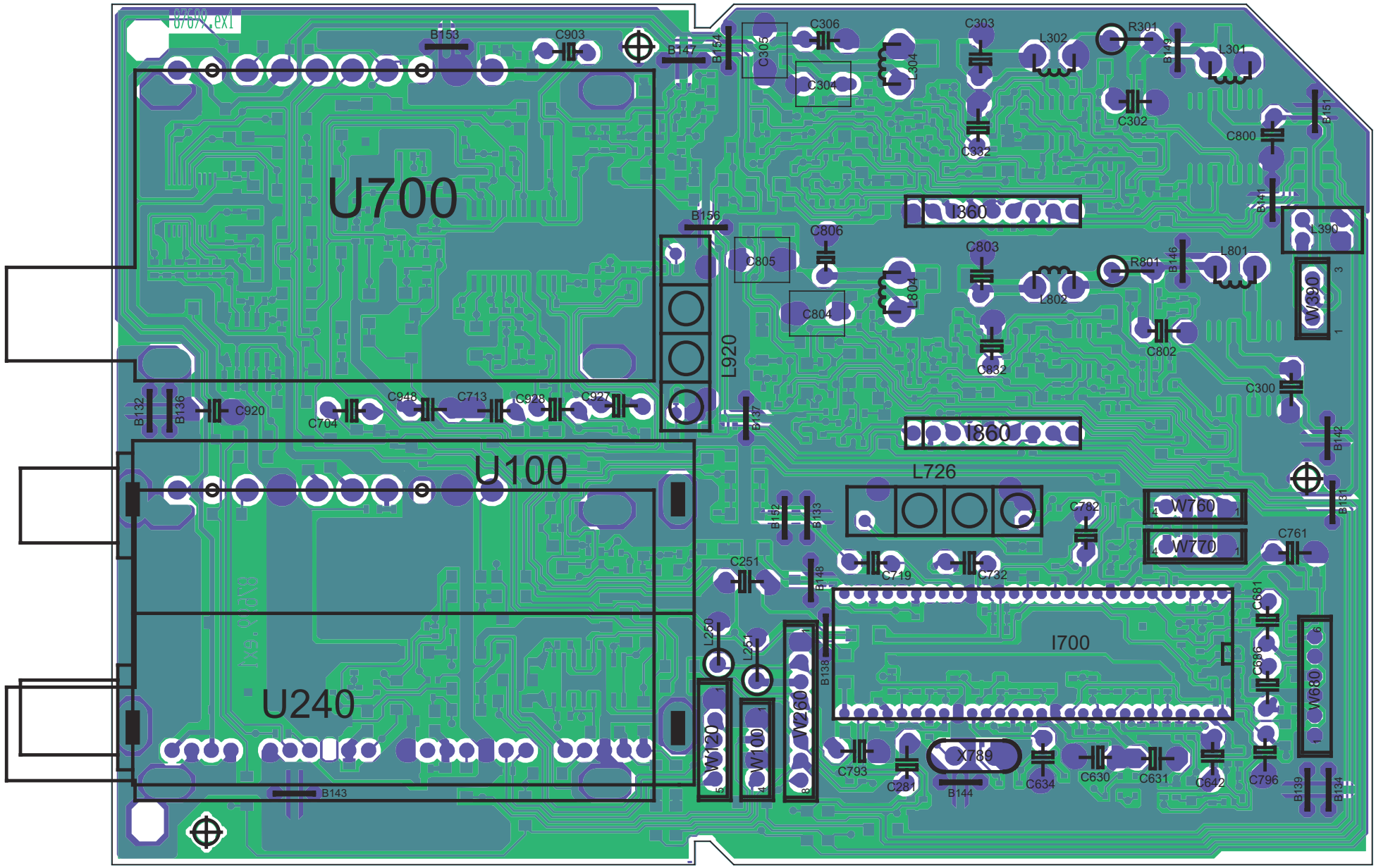
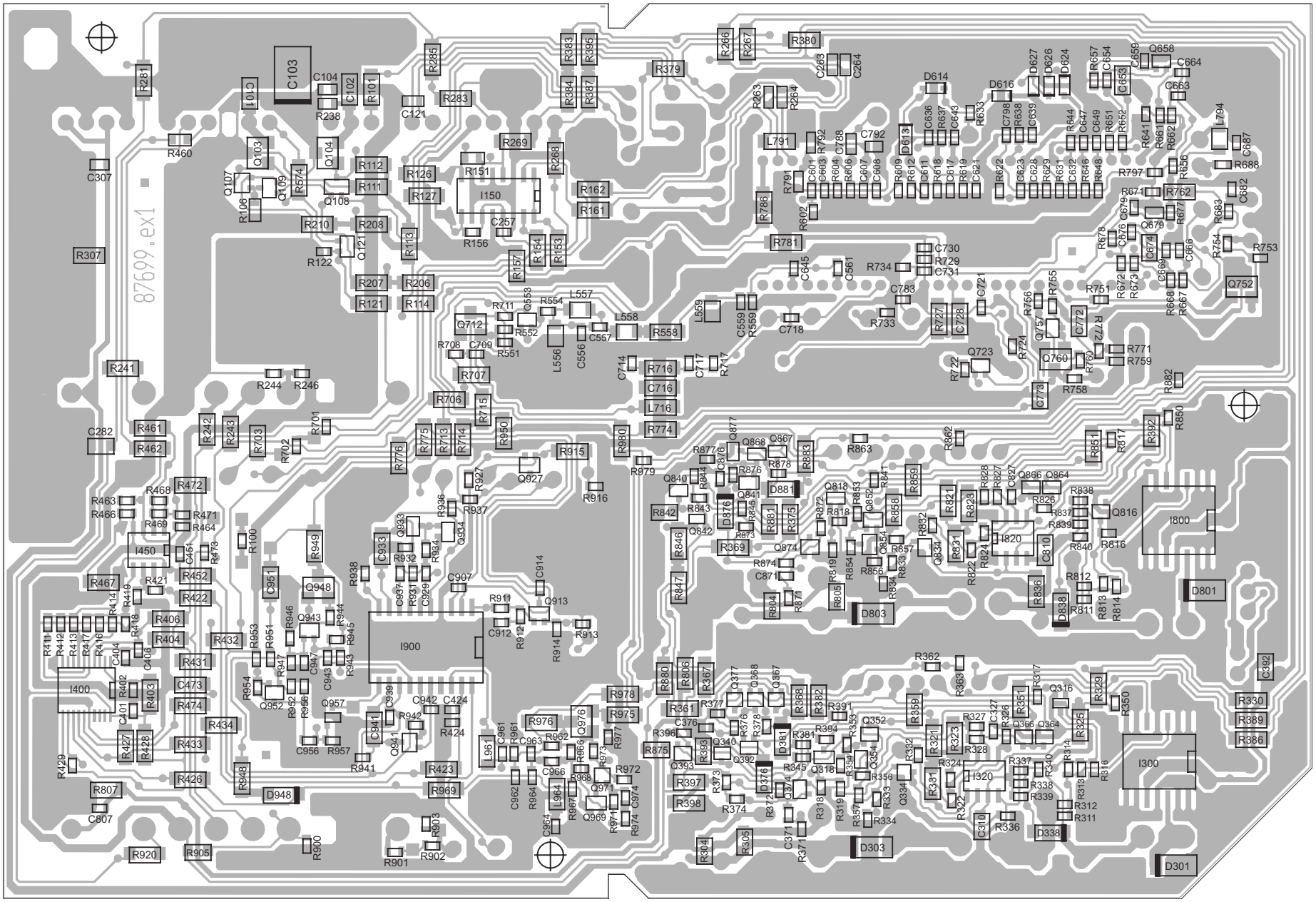
erst.: Thomale
Datum: 5.11.98
gepr.: Thomale
Datum: 5.11.98
17.10.00 Ex/10.1.01Ri



Leiterplatte SAT 6 87699E (Bestückungsseite)

SAT 6 P.C.B 87699E (Components side)

MC-Service



Leiterplatte SAT 6 87699E (Lötseite)

SAT 6 P.C.B 87699E (Solder side)

MC-Service

Baugruppenübersicht

Q 2500 M		M 540	M 552	M 550	M 752	M 750	M 852	M 851	M 559	M 759	M 943	M 952	M 953	M 843	M 852	M 853	M 943		Software
		L	L	H/L	L	J/L/V	A/E	A/E	L	L	A	A/M	A/M/P/Q	L	A/L	A/L	A/L		Farbe
		61437.12	**61437.52**	**61437.62**	**61438.52**	**61438.62**	**61417.52**	**61417.62**	**61430.10**	**61429.10**	**61426.12**	**61426.52**	**61426.62**	**61420.00**	**61420.50**	**61420.60**	**62405.12**		Art.-Nr
Baugruppen		Arcada 8772 ZP	Arcada 8772 ZP	Arcada 8772 ZP	Arcada 8784 ZP	Arcada 8784 ZP	Planus 4781 ZP	Planus 4781 ZW	Tandberg 111997 EU	Tandberg 111998 EU	Vitros 6381 ZW	Vitros 6381 ZW	Vitros 6381 ZW	Xelos 5381 ZW	Xelos 5381 ZW	Xelos 5381 ZW	Aventos 3981 ZW		Geräte-Typ
Basic-Board	396-88175...	084	066	066	065	065	061	061	073	074	067	060	060	069	062	062	067		Baugruppen
Hyperband-Tuner/ZF, Multisystem	260-87271.051		x	x	x	x	x	x				x	x		x	x			
Hyperband-Tuner/ZF, Dualsystem	260-87273.051	x									x			x			x		
Hyperband-Tuner/ZF, EPAS	260-87998.050	x	x	x	x	x	x	x			x	x	x				x		
Signal-Board	396-88176...	062	063	063	063	063	063	063	064	064	062	063	063	060	061	061	062		
Bedienteil	396-88221...	051	051	051	051	051			052	051									
Bedienteil	396-88225...													053	053	053			
Bedienteil	396-88226...																052		
Bedienteil	396-88227...										050	050	050						
Bildrohrplatte	396-87832...	060	060	060	060	060	062	062	060	060	062	062	062	062	062	062	062		
Frequenzweiche	396-85729...	072	072	072	077	077	076	076		077	080	080	080						
IR-Fernbedienung "Control 150"	263-87000.060	x	x	x	x	x	x	x			x	x	x	x	x	x	x		
SAT-6-Nachrüstsatz	291-87809.055	x	x	x	x	x	x	x			x	x	x	x	x	x	x		NRS
Twin-SAT-6-Nachrüstsatz	291-87809.056	x	x	x	x	x	x	x			x	x	x	x	x	x	x		
DVB1-TV-Decoder-Nachrüstsatz	291-88251.050	x		x		x		x			x		x	x		x	x		
DVB + Twin-SAT-Nachrüstsatz	291-88251.051	x		x		x		x			x		x	x		x	x		
TVO 2-Nachrüstsatz	291-87782...	060		060				L/U52			060		060						
TVO 3-Nachrüstsatz	291-88321...	050		050				L/U52			050		050				050		
Dolby-Digital AC3 - Nachrüstsatz	291-88308.050	x		x	x	x	x	x			x	x	x	x	x	x	x		
Digital Input Selektor - Nachrüstsatz	291-88519.050	x		x	x	x	x	x			x	x	x	x	x	x	x		
VGA/IR - Nachrüstsatz	291-87808.050	x		x	x	x	x	x			x	x	x	x	x	x	x		
IR-Nachrüstsatz	291-88143.050	x		x	x	x	x	x			x	x	x	x	x	x	x		
HF-Sender	291-88035.050	x		x		x					x		x				x		

Tabelle Basic-Board

Art.-Nr. 88175.060-084

Pos.	Bestell-Nr.	Bestell-Bezeichnung	Varianten: 60	61	62	65	66	67	69	73	74	84
B204	85840001	524 Kurzschlußbrücke								X	X	
B206	85840001	524 Kurzschlußbrücke								X	X	
B207	85840001	524 Kurzschlußbrücke	X	X	X	X	X	X	X			X
B210	85840001	524 Kurzschlußbrücke	X	X	X	X	X	X	X			X
B212	85840001	524 Kurzschlußbrücke	X	X	X	X	X	X	X			X
B213	85840001	524 Kurzschlußbrücke	X	X	X	X	X	X	X			X
B214	85840001	524 Kurzschlußbrücke	X	X	X	X	X	X	X			X
B216	85840001	524 Kurzschlußbrücke	X	X	X	X	X	X	X			X
B217	85840001	524 Kurzschlußbrücke	X	X	X	X	X	X	X			X
B222	85840001	524 Kurzschlußbrücke								X	X	
B252	85840001	524 Kurzschlußbrücke	X	X	X	X	X	X	X			X
B473	85840001	524 Kurzschlußbrücke								X	X	
B474	85840001	524 Kurzschlußbrücke								X	X	
B541	85840001	524 Kurzschlußbrücke				X	X			X	X	X
B543	85840001	524 Kurzschlußbrücke				X	X			X	X	X
B544	85840001	524 Kurzschlußbrücke				X	X			X	X	X
C201	20134020	Elko 47U M 16V	X	X	X	X	X	X	X			X
C203	20133020	Elko 100U M 16V	X	X	X	X	X	X	X			X
C541	25295	Kond. 9N4 H				X					X	
	25296	Kond. 8N8 H					X			X		X
	26619	Kond. 9N1 H	X	X	X			X	X			
C542	24450	Kond. 600N J 250V		X	X				X			
	25886	Kond. 520N J 250V	X				X	X		X		X
	28116	Kond. 680N J 250V				X					X	
C543	26531	Kond. 22N J 630V		X	X	X			X		X	
	27012	Kond. 25N J 630V	X				X	X		X		X
C544	16573	Kond. 750N J 250V				X					X	
	28116	Kond. 680N J 250V	X					X				
	73806	Kond. 900N J 160VW (250 V-)		X	X		X		X	X		X
C545	28868	Kond. 390P J 2000V	X	X	X			X	X			
C553	28868	Kond. 390P J 2000V	X	X	X			X	X			

Tabelle Basic-Board

Art.-Nr. 88175.060-084

Pos.	Bestell-Nr.	Bestell-Bezeichnung	Varianten: 60	61	62	65	66	67	69	73	74	84
C577	12156020	Kond. 1N5 J 63V					X			X		X
	20455020	Kond. 1N K 50V				X					X	
	21367020	Kond. 2N2 K 50V	X	X	X			X	X			
C579	20455020	Kond. 1N K 50V				X					X	
	23994020	Kond. 470P K 1000V	X	X	X			X	X			
C590	21165020	Elko 4U7 M 50V				X	X			X	X	X
C591	17788020	Kond. 2U2 K 50V	X	X	X			X	X			
D651	22712	Diode 3,0A 1000V DO27A UFAST-GP								X	X	
D652	28613	Diode BYT08PI-1000	X	X	X	X	X	X	X			X
D661	29726Y26	Diode 3,0A 300V DO201AD UFAST-GP								X	X	
D663	28625050	Diode 10,0A 200V vormontiert BYW-80	X	X	X	X	X	X	X			X
H203	87836001	Folienzuschnitt	X	X		X	X	X				X
H535	29749	Focus-Kabel 500mm rot 01640.02 ELDOR	X	X	X			X	X			
H652	87529001	584 Montageclip	X	X	X	X	X	X	X			X
L202	16925	Dr. 47U K SMCC FASTRON	X	X	X	X	X	X	X			X
L203	14399	Dr. 4330 030 38100 VAL	X	X	X	X	X	X	X			X
L538	24475	LIN-Regler 4,6UH		X	X				X			
	27544	LIN-Regler 5,4UH	X				X	X		X		X
	29038	LIN-Regler 4,1UH				X					X	
L553	25371	Dr. 15U 8%									X	
	27657	Dr. 44U J	X	X	X		X	X	X	X		X
	30724020	DR-RA 18U J				X						
R204	20323	Wid. 22K J 0204	X	X	X	X	X	X	X			X
R205	20323	Wid. 22K J 0204	X	X	X	X	X	X	X			X
R544	29791	WIDM 2K2 K 0W5 0411	X	X	X			X	X			
R564	20661	Wid. 470R J 0207				X					X	
R574	11091	Wid. 0R82 J 4,00W	X					X				
	11093	Wid. 0R56 J 4W0				X	X			X	X	X
	22719	Wid. 1R J 2,00W		X	X				X			
R619	16662	DUO-PTC-Wid. 18R					X			X		X
	28729	DUO-PTC-Wid. 9R	X	X	X	X		X	X		X	
R659	14985	Wid. 15K G 0204				X					X	
	20331	Wid. 22K G 0204	X	X	X		X	X	X	X		X

Tabelle Basic-Board

Art.-Nr. 88175.060-084

MC-Service

Pos.	Bestell-Nr.	Bestell-Bezeichnung	Varianten: 60	61	62	65	66	67	69	73	74	84
R691	73257	Wid. 100R J 0207	X	X	X	X	X	X	X			X
R692	73257	Wid. 100R J 0207	X	X	X	X	X	X	X			X
T531	27003	Zeilentrafo 21/24/28/29"					X			X		X
	27397	Zeilentrafo 21/24/28/33"				X					X	
	29176	Zeilentrafo 28/29/32/40"Q25	X	X	X			X	X			
T540	21351	Trafo AT 4043/67A	X	X	X			X	X			
T639	28636	W-Trafo Q2400/Q2500 (146V)				X					X	
	28640	W-Trafo Q2400 (136V)	X	X	X		X	X	X	X		X
U202	87271051	Tuner-ZF M Multisystem MN/BG-DK	X	X	X	X	X					
	87273051	Tuner-ZF D Dualsystem BG-DK						X	X			X
U203	87998050	Tuner-ZF EPAS Eurosys. m. Ant.-Splitter	X	X		X	X	X				X
W250	28777	Stiftw. vert. 8-pol. BL 2R50 EHR	X	X	X	X	X	X	X			X
W260	28615	Stiftw. vert. 4-pol. GN 2R50 EH	X	X	X	X	X	X	X			X
W270	28614	Stiftw. vert. 4-pol. BL 2R50 EH	X	X	X	X	X	X	X			X
W470	28380	EL-Connector 9-pol.	X	X	X	X	X	X	X			X
W560	20053	Stiftw. vert. 4-pol. NAT 2R50 EH	X	X	X			X	X			
W620	24474	Connector 9-pol.	X	X	X	X	X	X	X			X
W651	20054	Stiftw. vert. 3-pol. NAT 2R50 EH	X	X	X	X	X	X	X			X
W652	20054	Stiftw. vert. 3-pol. NAT 2R50 EH	X	X	X	X	X	X	X			X
W701	20056	Stiftw. vert. 3-pol. RT 2R50 EH	X	X	X	X	X	X	X			X

Basic-Board Basic Board Art.-Nr. 88175.060-084

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	BAUGRUPPEN	**UNITS**		
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	060
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	061
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	062
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	065
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	066
U202	Tuner-ZF D Dualsystem BG-DK	Tuner	260-87273.051	067
U202	Tuner-ZF D Dualsystem BG-DK	Tuner	260-87273.051	069
U202	Tuner-ZF D Dualsystem BG-DK	Tuner	260-87273.051	084
U203	Tuner-ZF EPAS Eurosys. m. Ant.-Splitter	Tuner	260-87998.050	060
U203	Tuner-ZF EPAS Eurosys. m. Ant.-Splitter	Tuner	260-87998.050	061
U203	Tuner-ZF EPAS Eurosys. m. Ant.-Splitter	Tuner	260-87998.050	065
U203	Tuner-ZF EPAS Eurosys. m. Ant.-Splitter	Tuner	260-87998.050	066
U203	Tuner-ZF EPAS Eurosys. m. Ant.-Splitter	Tuner	260-87998.050	067
U203	Tuner-ZF EPAS Eurosys. m. Ant.-Splitter	Tuner	260-87998.050	084
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
L202	Dr. 47U K SMCC Fastron	Choke	298-16925	060
L202	Dr. 47U K SMCC Fastron	Choke	298-16925	061
L202	Dr. 47U K SMCC Fastron	Choke	298-16925	062
L202	Dr. 47U K SMCC Fastron	Choke	298-16925	065
L202	Dr. 47U K SMCC Fastron	Choke	298-16925	066
L202	Dr. 47U K SMCC Fastron	Choke	298-16925	067
L202	Dr. 47U K SMCC Fastron	Choke	298-16925	069
L202	Dr. 47U K SMCC Fastron	Choke	298-16925	084
L203	Dr. 4330 030 38100 VAL	Choke	298-14399	060
L203	Dr. 4330 030 38100 VAL	Choke	298-14399	061
L203	Dr. 4330 030 38100 VAL	Choke	298-14399	062
L203	Dr. 4330 030 38100 VAL	Choke	298-14399	065
L203	Dr. 4330 030 38100 VAL	Choke	298-14399	066
L203	Dr. 4330 030 38100 VAL	Choke	298-14399	067
L203	Dr. 4330 030 38100 VAL	Choke	298-14399	069
L203	Dr. 4330 030 38100 VAL	Choke	298-14399	084
L533	FE-Dr. 0U7	Choke	298-27471.Y03	
L534	Dr.-RA 150U K	Choke	298-79726.020	
L538	Lin.-Regler 4,6UH	Deflection Unit	278-24475	060
L538	Lin.-Regler 4,6UH	Deflection Unit	278-24475	061
L538	Lin.-Regler 4,6UH	Deflection Unit	278-24475	062
L538	Lin.-Regler 4,6UH	Deflection Unit	278-24475	067

Basic-Board Basic Board Art.-Nr. 88175.060-084

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
L538	Lin.-Regler 4,6UH	Deflection Unit	278-24475	069
L538	Lin.-Regler 5,4UH	Deflection Unit	278-27544	066
L538	Lin.-Regler 5,4UH	Deflection Unit	278-27544	073
L538	Lin.-Regler 5,4UH	Deflection Unit	278-27544	084
L538	Lin.-Regler 4,1UH	Deflection Unit	278-29038	065
L538	Lin.-Regler 4,1UH	Deflection Unit	278-29038	074
L619	Dr. 820U E25/11	Choke	298-28785	
T528	Spule Treiberspule VOGT 527.01.035.00	Coil	297-23664	
T531	Zeilentrafo 24/28/29" Q23/41/24/414	Line Transformer	276-27003	066
T531	Zeilentrafo 24/28/29" Q23/41/24/414	Line Transformer	276-27003	073
T531	Zeilentrafo 24/28/29" Q23/41/24/414	Line Transformer	276-27003	084
T531	Zeilentrafo 21/24/28/33" Q23/41/24/414	Line Transformer	276-27397	065
T531	Zeilentrafo 21/24/28/33" Q23/41/24/414	Line Transformer	276-27397	074
T531	Zeilentrafo 28/32/40" Q2500	Line Transformer	276-29176	060
T531	Zeilentrafo 28/29/32/40"Q25	Line Transformer	276-29176	061
T531	Zeilentrafo 28/32/40" Q2500	Line Transformer	276-29176	062
T531	Zeilentrafo 28/32/40" Q2500	Line Transformer	276-29176	067
T531	Zeilentrafo 28/32/40" Q2500	Line Transformer	276-29176	069
T540	Trafo AT 4043/67A	Power Transformer	490-21351	060
T540	Trafo AT 4043/67A	Power Transformer	490-21351	061
T540	Trafo AT 4043/67A	Power Transformer	490-21351	062
T540	Trafo AT 4043/67A	Power Transformer	490-21351	067
T540	Trafo AT 4043/67A	Power Transformer	490-21351	069
T612	Dr. 2x 18M5 575 03 055 00 VOGT	Choke	298-17684	
T639	W-Trafo Q2400 (146V)	Power Transformer	490-28636	065
T639	W-Trafo Q2400/Q2500 (146V)	Power Transformer	490-28636	074
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	060
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	061
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	062
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	066
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	067
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	069
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	073
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	084
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
20	Aufsteckkühlkörper	Screening	509-27369	
30	Linsenschraube AM 3x10 brün.	Screw	432-74571	060

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
30	Linsenschraube AM 3x10 brün.	Screw	432-74571	062
30	Linsenschraube AM 3x10 brün.	Screw	432-74571	065
30	Linsenschraube AM 3x10 brün.	Screw	432-74571	066
30	Linsenschraube AM 3x10 brün.	Screw	432-74571	067
30	Linsenschraube AM 3x10 brün.	Screw	432-74571	069
30	Linsenschraube AM 3x10 brün.	Screw	432-74571	084
H 01	Sicherungshalter für SI 5x20	Fuseholder Spring	730-20061	
H 02	Sicherungshalter für SI 5x20	Fuseholder Spring	730-20061	
H474	584 Montageclip	Spring	739-87529.001	
H484	584 Montageclip	Spring	739-87529.001	
H534	584 Montageclip	Spring	739-87529.001	
H539	584 Montageclip	Spring	739-87529.001	
H560	584 Montageclip	Spring	739-87529.001	
H561	584 Montageclip	Spring	739-87529.001	
H562	Glimmerscheibe 16x21	Insulating Piece	421-10881	
H586	584 Montageclip	Spring	739-87529.001	
H587	Glimmerscheibe 16x21	Insulating Piece	421-10881	
H621	Kabelhalter	Cable Binding	530-29601	
H623	584 Montageclip	Spring	739-87529.001	
H624	584 Montageclip	Spring	739-87529.001	
H625	Glimmerscheibe 16x21	Insulating Piece	421-10881	
H652	584 Montageclip	Spring	739-87529.001	060
H652	584 Montageclip	Spring	739-87529.001	061
H652	584 Montageclip	Spring	739-87529.001	062
H652	584 Montageclip	Spring	739-87529.001	065
H652	584 Montageclip	Spring	739-87529.001	066
H652	584 Montageclip	Spring	739-87529.001	067
H652	584 Montageclip	Spring	739-87529.001	069
H652	584 Montageclip	Spring	739-87529.001	084
H663	584 Montageclip	Spring	739-87529.001	
H671	584 Montageclip	Spring	739-87529.001	
H674	584 Montageclip	Spring	739-87529.001	
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
10	L 7808 ACV	Integrated Circuit	349-21780.Y20	
10	L 78S09CV geschnitten	Integrated Circuit	349-24013.Y18	060
10	L 78S09CV geschnitten	Integrated Circuit	349-24013.Y18	061
10	L 78S09CV geschnitten	Integrated Circuit	349-24013.Y18	062

Basic-Board Basic Board Art.-Nr. 88175.060-084

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
10	L 78S09CV geschnitten	Integrated Circuit	349-24013.Y18	065
10	L 78S09CV geschnitten	Integrated Circuit	349-24013.Y18	066
10	L 78S09CV geschnitten	Integrated Circuit	349-24013.Y18	067
10	L 78S09CV geschnitten	Integrated Circuit	349-24013.Y18	069
10	L 78S09CV geschnitten	Integrated Circuit	349-24013.Y18	084
10	L 78 S 09 CV	Integrated Circuit	349-24013Y22	073
10	L 78 S 09 CV	Integrated Circuit	349-24013Y22	074
10	L 78 S 09 CV	Integrated Circuit	349-24013Y22	084
I474	TDA 7296	Integrated Circuit	349-28414	
I484	TDA 7296	Integrated Circuit	349-28414	
I500	TDA5637 SOT340	Integrated Circuit	350-27278	067
I561	TDA8177	Integrated Circuit	349-26528	060
I561	TDA8177	Integrated Circuit	349-26528	061
I561	TDA8177	Integrated Circuit	349-26528	062
I561	TDA8177	Integrated Circuit	349-26528	066
I561	TDA8177	Integrated Circuit	349-26528	067
I561	TDA8177	Integrated Circuit	349-26528	069
I561	TDA8177	Integrated Circuit	349-26528	073
I561	TDA8177	Integrated Circuit	349-26528	084
I561	STV9379FA Heptawatt vert. Ablenkung	Integrated Circuit	349-29150	065
I561	STV9379FA Heptawatt vert. Ablenkung	Integrated Circuit	349-29150	074
I569	TL 431ACLP	Integrated Circuit	349-19817020	
I600	TSA5523M SOT266	Integrated Circuit	350-27275	067
I611	TDA4605-3/TDA4605	Integrated Circuit	349-22113	
I663	L 7808ACV vormontiert	Integrated Circuit	349-21780.050	
I669	Opto-Koppler DIP4 80V 50/80mA	Coupler	353-28638	
I670	TL 431ACLP	Integrated Circuit	349-19817020	
I674	TL 431ACLP	Integrated Circuit	349-19817020	
I676	TL 431ACLP	Integrated Circuit	349-19817020	
I691	L 78S09CV vormontiert	Integrated Circuit	349-24013.050	073
I691	L 78S09CV vormontiert	Integrated Circuit	349-24013.050	074
I691	L 78S09CV vormontiert	Integrated Circuit	349-24013.051	060
I691	L 78S09CV vormontiert	Integrated Circuit	349-24013.051	061
I691	L 78S09CV vormontiert	Integrated Circuit	349-24013.051	062
I691	L 78S09CV vormontiert	Integrated Circuit	349-24013.051	065
I691	L 78S09CV vormontiert	Integrated Circuit	349-24013.051	066
I691	L 78S09CV vormontiert	Integrated Circuit	349-24013.051	067

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I691	L 78S09CV vormontiert	Integrated Circuit	349-24013.051	069
I691	L 78S09CV vormontiert	Integrated Circuit	349-24013.051	084
I800	TDA9817 TS-SSOP24	Integrated Circuit	350-28929	067
	TRANSISTOREN	**TRANSISTORS**		
Q469	BC547B TO92	Transistor	346-74983.020	084
Q526	SILPLAN TO92 NPN 100V 2A 1W	Transistor	346-20796.020	
Q531	ZTX712 E-Line	Transistor	346-27659.020	
Q532	ZTX614 E-Line	Transistor	346-27660.020	
Q533	BF422 TO92	Transistor	346-11562.020	
Q534	POWBIPO ISOW218 vormontiert	Transistor	346-25708.Y20	
Q562	POWMOS TO220FP NCH 50V 10A 30W	Transistor	346-18528	
Q582	BC556B	Transistor	346-74967.020	
Q585	BC547B TO92	Transistor	346-74983.020	
Q586	BD537 TO220A	Transistor	346-77764	
Q589	BC557B	Transistor	346-74878.020	
Q593	BC557B	Transistor	346-74878.020	
Q596	BC556B	Transistor	346-74967.020	
Q597	BC547B TO92	Transistor	346-74983.020	
Q624	POWMOS TO220 NCH 600V 8A	Transistor	346-28957	
Q663	POWMOS TO220FP NCH 50V 10A 30W	Transistor	346-18528	
Q674	POWMOS TO220FP NCH 50V 10A 30W	Transistor	346-18528	
	DIODEN	**DIODES**		
10	3,0A 40V DO27 Schottky	Diode	352-12657	
10	3,0A 200V DO201AD UFAST-GP	Diode	352-24689	084
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	
10	10,0A 200V ISOWATT220AC	Diode	352-28625	060
10	10,0A 200V ISOWATT220AC	Diode	352-28625	061
10	10,0A 200V ISOWATT220AC	Diode	352-28625	062
10	10,0A 200V ISOWATT220AC	Diode	352-28625	065
10	10,0A 200V ISOWATT220AC	Diode	352-28625	066
10	10,0A 200V ISOWATT220AC	Diode	352-28625	067
10	10,0A 200V ISOWATT220AC	Diode	352-28625	069
10	10,0A 200V ISOWATT220AC	Diode	352-28625	084
10	10,0A 200V geschnitten	Diode	352-28625.Y20	060
10	10,0A 200V geschnitten	Diode	352-28625.Y20	061
10	10,0A 200V geschnitten	Diode	352-28625.Y20	062
10	10,0A 200V geschnitten	Diode	352-28625.Y20	065

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	DIODEN	**DIODES**		
10	10,0A 200V geschnitten	Diode	352-28625.Y20	066
10	10,0A 200V geschnitten	Diode	352-28625.Y20	067
10	10,0A 200V geschnitten	Diode	352-28625.Y20	069
10	10,0A 200V geschnitten	Diode	352-28625.Y20	084
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	
D203	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	067
D204	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	067
D206	ZD 30V0 2%	Diode	352-15763	
D222	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	067
D241	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	067
D242	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	067
D303	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	067
D304	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	067
D322	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	067
D341	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	067
D403	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	067
D422	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	067
D441	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	067
D474	1 N 4148 DO35	Diode	352-31818	
D491	1 N 4148 DO35	Diode	352-31818	
D508	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	067
D526	1 N 4148 DO35	Diode	352-31818	
D527	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	067
D527	EU 02V0	Diode	352-20289	
D531	1,0A 400V DO41 FAST-GP	Diode	352-20685	
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	
D533	BA 157	Diode	352-44799	
D537	3,0A 40V DO27	Diode	352-12657.Y10	
D539	ESC011M	Diode	352-23667	
D541	BA 157	Diode	352-44799	
D546	BA 157	Diode	352-44799	
D547	BA 159	Diode	352-49148	
D548	1 N 4148 DO35	Diode	352-31818	
D549	ZD 30V0 2%	Diode	352-15763	
D551	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	067
D557	1,0A 400V DO41 FAST-GP	Diode	352-20685	
D558	1,0A 400V DO41 FAST-GP	Diode	352-20685	

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	DIODEN	**DIODES**		
D561	BA 157	Diode	352-44799	
D569	ZD 12V0	Diode	352-44202	
D584	ZD 30V0 2%	Diode	352-15763	
D589	BA 157	Diode	352-44799	
D590	BA 157	Diode	352-44799	
D613	Gleichrichter B250 C3200/2200	Rectifier	354-22394	
D617	3,0A 1000V DO27A UFAST-GP	Diode	352-22712	
D622	BA 157	Diode	352-44799	
D623	STTA506F TO220	Diode	352-27866	
D636	BA 157	Diode	352-44799	
D651	3,0A 1000V DO27A UFAST-GP	Diode	352-22712	073
D651	3,0A 1000V DO27A UFAST-GP	Diode	352-22712	074
D652	BYT08PI-1000	Diode	352-28613	060
D652	BYT08PI-1000	Diode	352-28613	061
D652	BYT08PI-1000	Diode	352-28613	062
D652	BYT08PI-1000	Diode	352-28613	065
D652	BYT08PI-1000	Diode	352-28613	066
D652	BYT08PI-1000	Diode	352-28613	067
D652	BYT08PI-1000	Diode	352-28613	069
D652	BYT08PI-1000	Diode	352-28613	084
D656	3,0A 300V DO201AD UFAST-GP	Diode	352-29726.Y10	
D660	ZD 12V0	Diode	352-44202	
D661	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	073
D661	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	074
D663	10,0A 200V vormontiert BYW-80	Diode	352-28625.050	060
D663	10,0A 200V vormontiert BYW-80	Diode	352-28625.050	061
D663	10,0A 200V vormontiert BYW-80	Diode	352-28625.050	062
D663	10,0A 200V vormontiert BYW-80	Diode	352-28625.050	065
D663	10,0A 200V vormontiert BYW-80	Diode	352-28625.050	066
D663	10,0A 200V vormontiert BYW-80	Diode	352-28625.050	067
D663	10,0A 200V vormontiert BYW-80	Diode	352-28625.050	069
D663	10,0A 200V vormontiert BYW-80	Diode	352-28625.050	084
D666	0,5A 20V DO-35 SD103C	Diode	352-17741	
D670	ZD 30V0 2%	Diode	352-15763	
D671	STPS20L40CF ISOWATT220AB 2X10A	Diode	352-20296	
D672	ZD 3V9 DO35 5% 0,5W	Diode	352-10526	
D680	ZD 100V0 DO-41 J 1,3W ZPY	Diode	352-28686	

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	DIODEN	**DIODES**		
D686	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	
D687	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	
D806	BAV 99W SOT323	Diode	351-27469	067
	POTENTIOMETER	**POTENTIOMETERS**		
P662	1K 6MM Kohleschicht horizont.	Potentiometer	375-22863.020	
	SICHERUNGEN	**FUSES**		
F611	3150mA T 250V 5x20 H	Fuse	380-29649	
F656	3150mA F 250V 8x8	Fuse	380-26219.020	
F661	4000MA T 250V 8x8	Fuse	380-13809.020	
F672	5000mA T 250V 8x8	Fuse	380-27665.020	
	KONDENSATOREN	**CAPACITORS**		
C531	2N7 J 2000V	Capacitor	359-25292	060
C531	2N7 J 2000V	Capacitor	359-25292	061
C531	2N7 J 2000V	Capacitor	359-25292	062
C531	2N7 J 2000V	Capacitor	359-25292	065
C531	2N7 J 2000V	Capacitor	359-25292	066
C531	2N7 J 2000V	Capacitor	359-25292	067
C531	2N7 J 2000V	Capacitor	359-25292	069
C531	2N7 J 2000V	Capacitor	359-25292	073
C531	2N7 J 2000V	Capacitor	359-25292	074
C531	2N2 J 2000V	Capacitor	359-26835	084
C538	Elko 47U M 250V	Electrolytic Capacitor	360-22941	
C540	Elko 2U2 M 350V	Electrolytic Capacitor	360-28102.020	
C541	9N4 H	Capacitor	359-25295	065
C541	9N4 H	Capacitor	359-25295	074
C541	9N4 H	Capacitor	359-25295	084
C541	8N8 H	Capacitor	359-25296	060
C541	8N8 H	Capacitor	359-25296	066
C541	8N8 H	Capacitor	359-25296	067
C541	8N8 H	Capacitor	359-25296	073
C541	9N1 H	Capacitor	359-26619	061
C541	9N1 H	Capacitor	359-26619	062
C541	9N1 H	Capacitor	359-26619	069
C542	600N J 250V	Capacitor	359-24450	061
C542	600N J 250V	Capacitor	359-24450	062
C542	600N J 250V	Capacitor	359-24450	069
C542	520N J 250V	Capacitor	359-25886	060

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	KONDENSATOREN	**CAPACITORS**		
C542	520N J 250V	Capacitor	359-25886	066
C542	520N J 250V	Capacitor	359-25886	067
C542	520N J 250V	Capacitor	359-25886	073
C542	520N J 250V	Capacitor	359-25886	084
C542	680N J 250V	Capacitor	359-28116	065
C542	680N J 250V	Capacitor	359-28116	074
C543	30N J 630V	Capacitor	359-24472	084
C543	22N J 630V	Capacitor	359-26531	060
C543	22N J 630V	Capacitor	359-26531	061
C543	22N J 630V	Capacitor	359-26531	062
C543	22N J 630V	Capacitor	359-26531	065
C543	22N J 630V	Capacitor	359-26531	067
C543	22N J 630V	Capacitor	359-26531	069
C543	22N J 630V	Capacitor	359-26531	074
C543	25N J 630V	Capacitor	359-27012	066
C543	25N J 630V	Capacitor	359-27012	073
C544	750N J 250V	Capacitor	359-16573	065
C544	750N J 250V	Capacitor	359-16573	074
C544	600N J 250V	Capacitor	359-24450	060
C544	600N J 250V	Capacitor	359-24450	067
C544	900N J 160VW (250 V-)	Capacitor	359-73806	061
C544	900N J 160VW (250 V-)	Capacitor	359-73806	062
C544	900N J 160VW (250 V-)	Capacitor	359-73806	066
C544	900N J 160VW (250 V-)	Capacitor	359-73806	069
C544	900N J 160VW (250 V-)	Capacitor	359-73806	073
C544	900N J 160VW (250 V-)	Capacitor	359-73806	084
C545	390P J 2000V	Capacitor	359-28868	060
C545	390P J 2000V	Capacitor	359-28868	061
C545	390P J 2000V	Capacitor	359-28868	062
C545	390P J 2000V	Capacitor	359-28868	067
C545	390P J 2000V	Capacitor	359-28868	069
C546	470P K 1000V	Capacitor	357-23994.020	
C548	Elko 22U S 250V	Electrolytic Capacitor	360-11762.020	
C553	390P J 2000V	Capacitor	359-28868	060
C553	390P J 2000V	Capacitor	359-28868	061
C553	390P J 2000V	Capacitor	359-28868	062
C553	390P J 2000V	Capacitor	359-28868	067

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	KONDENSATOREN	**CAPACITORS**		
C553	390P J 2000V	Capacitor	359-28868	069
C561	Elko 22U S 250V	Electrolytic Capacitor	360-11762.020	065
C561	Elko 22U S 250V	Electrolytic Capacitor	360-11762.020	074
C568	470N J 100V	Capacitor	359-28078.020	
C579	470P K 1000V	Capacitor	357-23994.020	060
C579	470P K 1000V	Capacitor	357-23994.020	061
C579	470P K 1000V	Capacitor	357-23994.020	062
C579	470P K 1000V	Capacitor	357-23994.020	067
C579	470P K 1000V	Capacitor	357-23994.020	069
C611	470N M 275VW	Capacitor	359-28292	
C612	470N M 275VW	Capacitor	359-28292	084
C612	KOFOL 470N M 310VW	Capacitor	359-29681	
C613	470N M 275VW	Capacitor	359-28292	084
C613	KOFOL 470N M 310VW	Capacitor	359-29681	
C614	KO-Y1 1N0 M 250V	Capacitor	357-29162	
C619	100N M 250VW	Capacitor	359-23372	
C620	Elko 330U M 450V	Electrolytic Capacitor	360-27891	
C621	470N J 100V	Capacitor	359-28078.020	
C624	820P J 2000V	Capacitor	359-26529	
C627	150P K 1600V	Capacitor	359-13943	
C628	22N J 630V	Capacitor	359-26531	
C630	100P K 500V	Capacitor	357-20272.020	
C639	KO-Y1 1N5 M 250V 10R0 X1/Y1	Capacitor	357-29161	
C650	150P K 1600V	Capacitor	359-13943	
C651	Elko 47U M 250V	Electrolytic Capacitor	360-22941	
C689	680P K 500V	Capacitor	357-21183.020	060
C689	680P K 500V	Capacitor	357-21183.020	061
C689	680P K 500V	Capacitor	357-21183.020	062
C689	680P K 500V	Capacitor	357-21183.020	065
C689	680P K 500V	Capacitor	357-21183.020	066
C689	680P K 500V	Capacitor	357-21183.020	067
C689	680P K 500V	Capacitor	357-21183.020	069
C689	680P K 500V	Capacitor	357-21183.020	073
C689	680P K 500V	Capacitor	357-21183.020	074
	WIDERSTÄNDE	**RESISTORS**		
10	0R1 K 0207 WIDSI	Resistor	366-10905	
10	22K G 0204	Resistor	367-20331	084

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R206	6K8 J 0207	Resistor	366-20652	
R207	5K6 J 0207	Resistor	366-28964	
R208	6K8 J 0207	Resistor	366-20652	
R209	5K6 J 0207	Resistor	366-28964	
R466	470R J 0617 3,00W	Resistor	367-20648	
R468	470R J 0617 3,00W	Resistor	367-20648	
R475	4R7 K 0207 WIDSI	Resistor	366-18416	
R477	10K F 0204	Resistor	367-20347	
R479	220R J 0207	Resistor	366-15679	
R485	4R7 K 0207 WIDSI	Resistor	366-18416	
R489	220R J 0207	Resistor	366-15679	
R491	3R3 K 0207 0,33W WIDSI	Resistor	366-11790	
R516	22R J 0207	Resistor	366-20655	
R517	22R J 0207	Resistor	366-20655	
R518	10R J 0207	Resistor	366-77101	
R521	3R3 K 0207 0,33W WIDSI	Resistor	366-11790	
R524	4K7 J 0207	Resistor	366-40343	
R525	4K7 J 0207	Resistor	366-40343	
R527	4K7 J 0207	Resistor	366-40343	
R528	4K7 J 0207	Resistor	366-40343	
R529	4K7 J 0207	Resistor	366-40343	
R530	4K7 J 0207	Resistor	366-40343	
R531	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	
R532	0R68 J 4,00W	Resistor	368-21294	
R533	12R F 0207	Resistor	367-21330	
R534	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	
R535	100K J 0207	Resistor	366-16330	
R536	10K F 0204	Resistor	367-20347	
R537	10K F 0204	Resistor	367-20347	
R538	100K J 0207	Resistor	366-16330	
R539	100K J 0207	Resistor	366-16330	
R540	47R J 0411 0,75W WIDSI	Resistor	368-28118	
R541	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	
R542	1K8 G 0204	Resistor	367-20334	
R543	1K5 J 0414 1W	Resistor	367-20657	
R544	2K2 K 0W5 0411 WIDM	Resistor	367-29791	060
R544	2K2 K 0W5 0411 WIDM	Resistor	367-29791	061

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R544	2K2 K 0W5 0411 WIDM	Resistor	367-29791	062
R544	2K2 K 0W5 0411 WIDM	Resistor	367-29791	067
R544	2K2 K 0W5 0411 WIDM	Resistor	367-29791	069
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	
R546	220R J 0207	Resistor	366-15679	
R547	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	
R549	150K G 0207	Resistor	367-10898	
R551	150K G 0207	Resistor	367-10898	
R553	220R J 0207	Resistor	366-15679	
R555	1K2 F 0204	Resistor	367-17324	
R557	1R0 J 0207 0,5W WIDSI	Resistor	366-28909	
R558	1R0 J 0207 0,5W WIDSI	Resistor	366-28909	
R559	33R K 0207 0,33W WIDSI	Resistor	367-29174.010	065
R559	33R K 0207 0,33W WIDSI	Resistor	367-29174.010	074
R560	10K F 0204	Resistor	367-20347	
R561	3K9 F 0204	Resistor	367-20341	
R563	470R J 0207	Resistor	366-20661	
R565	39K F 0204	Resistor	367-28894	
R566	82K G 0207	Resistor	367-10885	
R567	470R J 0207	Resistor	366-20661	
R569	470R J 0207	Resistor	366-20661	
R570	15K G 0204	Resistor	367-14985	
R571	5K6 G 0204	Resistor	367-20343	
R572	5K6 G 0204	Resistor	367-20343	
R573	4K7 J 0207	Resistor	366-40343	
R574	0R82 J 4,00W	Resistor	368-11091	060
R574	0R82 J 4,00W	Resistor	368-11091	067
R574	0R56 J 4W0	Resistor	368-11093	073
R574	0R56 J 4W0	Resistor	368-11093	074
R574	0R56 K 0414	Resistor	368-21086	065
R574	0R56 K 0414	Resistor	368-21086	066
R574	0R56 K 0414	Resistor	368-21086	084
R574	1R J 2,00W	Resistor	368-22719	061
R574	1R J 2,00W	Resistor	368-22719	062
R574	1R J 2,00W	Resistor	368-22719	069
R578	82K G 0207	Resistor	367-10885	
R579	39K F 0204	Resistor	367-28894	

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R581	10K F 0204	Resistor	367-20347	
R582	10K F 0204	Resistor	367-20347	
R583	220K F 0207	Resistor	367-28413	
R587	4K7 F 0204	Resistor	367-20346	
R588	10K F 0204	Resistor	367-20347	
R589	10K F 0204	Resistor	367-20347	
R590	10R J 0207	Resistor	366-77101	
R591	1R J 0207	Resistor	366-20649	
R592	1R J 0207	Resistor	366-20649	
R593	10R J 0207	Resistor	366-77101	
R594	1R K 0207 WIDSI	Resistor	366-12276	
R596	100K J 0207	Resistor	366-16330	
R598	100K J 0207	Resistor	366-16330	
R613	1R5 K 7,00W	Resistor	368-24602	
R619	Duo-PTC-Wid. 18R	PTC Resistor	372-16662	066
R619	Duo-PTC-Wid. 18R	PTC Resistor	372-16662	073
R619	Duo-PTC-Wid. 18R	PTC Resistor	372-16662	084
R619	Duo-PTC-Wid. 9R	PTC Resistor	372-28729	060
R619	Duo-PTC-Wid. 9R	PTC Resistor	372-28729	061
R619	Duo-PTC-Wid. 9R	PTC Resistor	372-28729	062
R619	Duo-PTC-Wid. 9R	PTC Resistor	372-28729	065
R619	Duo-PTC-Wid. 9R	PTC Resistor	372-28729	067
R619	Duo-PTC-Wid. 9R	PTC Resistor	372-28729	069
R619	Duo-PTC-Wid. 9R	PTC Resistor	372-28729	074
R621	56K J 0414 1,00W	Resistor	367-22396	
R622	820K J 0207	Resistor	366-16437	
R623	4K7 F 0204	Resistor	367-20346	
R625	680K J 0207	Resistor	367-27264	
R626	22R J 0207	Resistor	366-20655	
R627	10K F 0204	Resistor	367-20347	
R629	22R J 0207	Resistor	366-20655	
R634	680K J 0207	Resistor	367-27264	
R639	10M J 0414	Resistor	367-19664	
R651	18K G 0207	Resistor	367-11559	
R652	1R K 0207 WIDSI	Resistor	366-12276	
R653	100R J 0207	Resistor	366-73257	
R654	100R J 0207	Resistor	366-73257	

Basic-Board Basic Board Art.-Nr. 88175.060-084

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R657	4K7 F 0204	Resistor	367-20346	
R658	4K7 F 0204	Resistor	367-20346	
R659	15K G 0204	Resistor	367-14985	065
R659	15K G 0204	Resistor	367-14985	074
R659	22K G 0204	Resistor	367-20331	060
R659	22K G 0204	Resistor	367-20331	061
R659	22K G 0204	Resistor	367-20331	062
R659	22K G 0204	Resistor	367-20331	066
R659	22K G 0204	Resistor	367-20331	067
R659	22K G 0204	Resistor	367-20331	069
R659	22K G 0204	Resistor	367-20331	073
R659	22K G 0204	Resistor	367-20331	084
R660	4K7 F 0204	Resistor	367-20346	
R661	4K7 F 0204	Resistor	367-20346	
R662	4K7 F 0204	Resistor	367-20346	
R663	220K F 0207	Resistor	367-28413	
R665	56K J 0414 1,00W	Resistor	367-22396	
R666	18K F 0204	Resistor	367-18527	
R668	4K7 F 0204	Resistor	367-20346	
R677	10K F 0204	Resistor	367-20347	
R678	10K F 0204	Resistor	367-20347	
R679	100K J 0207	Resistor	366-16330	
R686	0R1 K 0207 WIDSI	Resistor	366-10905.Y09	
R687	0R1 K 0207 WIDSI	Resistor	366-10905.Y09	
R688	1R J 0207	Resistor	366-20649	
R689	1R J 0207	Resistor	366-20649	
R690	1R K 0207 WIDSI	Resistor	366-12276	
R691	100R J 0207	Resistor	366-73257	060
R691	100R J 0207	Resistor	366-73257	061
R691	100R J 0207	Resistor	366-73257	062
R691	100R J 0207	Resistor	366-73257	065
R691	100R J 0207	Resistor	366-73257	066
R691	100R J 0207	Resistor	366-73257	067
R691	100R J 0207	Resistor	366-73257	069
R691	100R J 0207	Resistor	366-73257	084
R692	100R J 0207	Resistor	366-73257	060
R692	100R J 0207	Resistor	366-73257	061

Basic-Board Basic Board Art.-Nr. 88175.060-084

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R692	100R J 0207	Resistor	366-73257	062
R692	100R J 0207	Resistor	366-73257	065
R692	100R J 0207	Resistor	366-73257	066
R692	100R J 0207	Resistor	366-73257	067
R692	100R J 0207	Resistor	366-73257	069
R692	100R J 0207	Resistor	366-73257	084
R693	220R J 0207	Resistor	366-15679	

Signal-Board (M) Signal Board (M) Art.-Nr. 88176.060-064

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I1631	ICMOS HEF4053D SO16	Integrated Circuit	350-24881	060
I1631	ICMOS HEF4053D SO16	Integrated Circuit	350-24881	061
I1631	ICMOS HEF4053D SO16	Integrated Circuit	350-24881	062
I1631	ICMOS HEF4053D SO16	Integrated Circuit	350-24881	063
I1711	TEA6415 SO20L	Integrated Circuit	350-25733	
I1731	TEA6415 SO20L	Integrated Circuit	350-25733	
I1771	ICMOS HEF4053D SO16	Integrated Circuit	350-24881	
I1871	TEA6422D SO28	Integrated Circuit	350-25732	
I2051	ICMOS MSP3400 PQFP-80 Sound	Integrated Circuit	350-29130	064
I2051	ICMOS MSP3411 PQFP-80 Sound	Integrated Circuit	350-29132	061
I2051	ICMOS MSP3411 PQFP-80 Sound	Integrated Circuit	350-29132	063
I2051	ICMOS MSP3401 PQFP-80 Sound	Integrated Circuit	350-29133	060
I2051	ICMOS MSP3401 PQFP-80 Sound	Integrated Circuit	350-29133	062
I2056	MC 78L08ACP TO92	Integrated Circuit	349-24725.020	
I2091	MC33079 SO14	Integrated Circuit	350-28701	
I2271	ICMOS VPC3230D MQFP80	Integrated Circuit	350-29177	
I2311	ICMOS SAA4979/105 QFP128 Conver.	Integrated Circuit	350-29989	
I2318	IC-VR 3V30 0A30 SOT223	Integrated Circuit	350-29462	
I2361	ICMOS 74LV00 D SO14	Integrated Circuit	350-28730	060
I2361	ICMOS 74LV00 D SO14	Integrated Circuit	350-28730	061
I2361	ICMOS 74LV00 D SO14	Integrated Circuit	350-28730	062
I2361	ICMOS 74LV00 D SO14	Integrated Circuit	350-28730	063
I2411	IC-VR 2V50 0A50 SOT223	Integrated Circuit	350-29461	
I2421	ICMOS SAA4994 QFP160 Raven	Integrated Circuit	350-29232	
I2451	ICMOS SAA4955HL LQFP44	Integrated Circuit	350-28823	

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I2501	ICMOS SDA9488X B23 DSO28 PIP-IC	Integrated Circuit	350-29231	062
I2501	ICMOS SDA9488X B23 DSO28 PIP-IC	Integrated Circuit	350-29231	063
I2521	TDA9332H-N2 QFP-44 Deflec.	Integrated Circuit	350-29481	
I2651	LM 358 SMD	Integrated Circuit	350-21521	
I2716	ICMOS 74HCT4052D SO16	Integrated Circuit	350-29463	
I2786	IC-VR 3V30 0A30 SOT223	Integrated Circuit	350-29462	
I2791	IC-VR 2V50 0A30 SOT223	Integrated Circuit	350-29460	
I2796	IC-VR 2V50 0A30 SOT223	Integrated Circuit	350-29460	
I2801	ICMOS SDA6000 MQFP128 TELTEX	Integrated Circuit	350-29127	
I2906	ICMOS 48LC1M# TSOP 10ns SDRAM	Integrated Circuit	350-29138	
I2926	ICMOS M27V322-100XB1 PDIP42 OTP	Integrated Circuit	349-29779	
I2931	ICMOS 24C64 DIP-8 EEPROM 64KB I2C	Integrated Circuit	349-28114	
I2941	ICRES 2V75 J SO8 TS831	Integrated Circuit	350-29141	
I2946	ICRES 2V75 J SO8 TS831	Integrated Circuit	350-29141	
	BUCHSEN/FASSUNGEN	**SOCKETS**		
H2926	IC-Fassung 42-pol. DIL	Socket	320-28410	
H2931	IC-Fassung 8-pol.	Socket	320-80503	
H2936	IC-Fassung 8-pol.	Socket	320-80503	060
H2936	IC-Fassung 8-pol.	Socket	320-80503	061
H2936	IC-Fassung 8-pol.	Socket	320-80503	062
H2936	IC-Fassung 8-pol.	Socket	320-80503	063
W1101	SCART-Buchse	Socket	323-19542	
W1201	SCART-Buchse	Socket	323-19542	
W1301	SCART-Buchse	Socket	323-19542	060
W1301	SCART-Buchse	Socket	323-19542	061
W1301	SCART-Buchse	Socket	323-19542	062
W1301	SCART-Buchse	Socket	323-19542	063
W1411	Kopfhörer-Buchse Stereo	Socket	323-27782	060
W1411	Kopfhörer-Buchse Stereo	Socket	323-27782	061
W1411	Kopfhörer-Buchse Stereo	Socket	323-27782	062
W1411	Kopfhörer-Buchse Stereo	Socket	323-27782	063
W1494	Cinch-Buchse 2-fach vertikal rot/weiss	Socket	323-28893	
W1551	Connector 9-pol.	Contact Ledge	326-24474	060
W1551	Connector 9-pol.	Contact Ledge	326-24474	061
W1551	Connector 9-pol.	Contact Ledge	326-24474	062
W1551	Connector 9-pol.	Contact Ledge	326-24474	063
W1941	Buchse vertikal Mini DIN 8-polig	Socket	323-28368	

Pos.Nr. Item N°.	Bestell-Bezeichnung Description List Part N°.	Bestell-Nr.	Var. Var.
	TRANSISTOREN **TRANSISTORS**		
Q1142	BC847BW SOT323 Transistor	344-27272	
Q1152	BC857BW SOT323 Transistor	344-28404	
Q1161	BC817-25W SOT323 Transistor	344-28405	
Q1252	BC857BW SOT323 Transistor	344-28404	
Q1261	BC817-25W SOT323 Transistor	344-28405	
Q1432	BCW66H Transistor	344-26051	
Q1433	BC857BW SOT323 Transistor	344-28404	
Q1446	BC857BW SOT323 Transistor	344-28404	
Q1453	BC847BW SOT323 Transistor	344-27272	
Q1461	BC847BW SOT323 Transistor	344-27272	
Q1473	BC847BW SOT323 Transistor	344-27272	
Q1483	BC857BW SOT323 Transistor	344-28404	
Q1491	BC847BW SOT323 Transistor	344-27272	
Q1493	BC847BW SOT323 Transistor	344-27272	
Q1496	BC847BW SOT323 Transistor	344-27272	
Q1498	BC847BW SOT323 Transistor	344-27272	
Q1581	BC847BW SOT323 Transistor	344-27272	
Q1586	BC847BW SOT323 Transistor	344-27272	
Q1773	BC847BW SOT323 Transistor	344-27272	
Q1776	BC857BW SOT323 Transistor	344-28404	
Q1782	BC857BW SOT323 Transistor	344-28404	
Q1784	BC857BW SOT323 Transistor	344-28404	
Q1792	BC847BW SOT323 Transistor	344-27272	
Q1814	BC847BW SOT323 Transistor	344-27272	
Q1834	BC847BW SOT323 Transistor	344-27272	062
Q1834	BC847BW SOT323 Transistor	344-27272	063
Q1842	BC857BW SOT323 Transistor	344-28404	062
Q1842	BC857BW SOT323 Transistor	344-28404	063
Q1849	BC847BW SOT323 Transistor	344-27272	062
Q1849	BC847BW SOT323 Transistor	344-27272	063
Q1912	SN7002 SOT23 0A19 60V NCH Transistor	344-29134	
Q1916	BC857BW SOT323 Transistor	344-28404	
Q1922	BSV52 SOT23 Transistor	344-16207	
Q1928	BC807-25 SOT23 Transistor	344-16064	
Q1931	BC857BW SOT323 Transistor	344-28404	
Q2027	BC857BW SOT323 Transistor	344-28404	
Q2076	BC857BW SOT323 Transistor	344-28404	

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Pos.Nr. Item N°.	Bestell-Bezeichnung Description List Part N°.	Bestell-Nr.	Var. Var.
	TRANSISTOREN **TRANSISTORS**		
Q2078	BC857BW SOT323 Transistor	344-28404	
Q2081	BC857BW SOT323 Transistor	344-28404	
Q2083	BC857BW SOT323 Transistor	344-28404	
Q2226	BC857BW SOT323 Transistor	344-28404	
Q2371	BC847BW SOT323 Transistor	344-27272	
Q2472	BC857BW SOT323 Transistor	344-28404	
Q2482	BC857BW SOT323 Transistor	344-28404	
Q2486	BC847BW SOT323 Transistor	344-27272	
Q2492	BC857BW SOT323 Transistor	344-28404	
Q2496	BC847BW SOT323 Transistor	344-27272	
Q2556	BC847BW SOT323 Transistor	344-27272	
Q2561	BC847BW SOT323 Transistor	344-27272	
Q2581	BC847BW SOT323 Transistor	344-27272	
Q2612	BC847BW SOT323 Transistor	344-27272	
Q2616	BC847BW SOT323 Transistor	344-27272	
Q2623	BC857BW SOT323 Transistor	344-28404	
Q2626	BC857BW SOT323 Transistor	344-28404	
Q2628	BC857BW SOT323 Transistor	344-28404	
Q2638	BC847BW SOT323 Transistor	344-27272	
Q2639	BC847BW SOT323 Transistor	344-27272	
Q2721	BC847BW SOT323 Transistor	344-27272	
Q2726	BC847BW SOT323 Transistor	344-27272	
Q2731	BC847BW SOT323 Transistor	344-27272	
Q2737	BC847BW SOT323 Transistor	344-27272	
Q2755	BC847BW SOT323 Transistor	344-27272	
Q2758	BC847BW SOT323 Transistor	344-27272	
Q2762	BC847BW SOT323 Transistor	344-27272	
Q2765	BC847BW SOT323 Transistor	344-27272	
Q2823	BC847BW SOT323 Transistor	344-27272	
Q2831	BC847BW SOT323 Transistor	344-27272	
Q2853	BC847BW SOT323 Transistor	344-27272	
Q2856	BC857BW SOT323 Transistor	344-28404	
Q2886	SN7002 SOT23 0A19 60V NCH Transistor	344-29134	
Q2891	SN7002 SOT23 0A19 60V NCH Transistor	344-29134	
Q2893	SN7002 SOT23 0A19 60V NCH Transistor	344-29134	
Q2902	BC847BW SOT323 Transistor	344-27272	
Q2951	BC847BW SOT323 Transistor	344-27272	

Signal-Board (M) Signal Board (M) Art.-Nr. 88176.060-064

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	TRANSISTOREN	**TRANSISTORS**		
Q2953	BC857BW SOT323	Transistor	344-28404	
Q2957	BC847BW SOT323	Transistor	344-27272	
Q2961	BC847BW SOT323	Transistor	344-27272	
	DIODEN	**DIODES**		
D2074	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	060
D2074	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	061
D2074	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	062
D2074	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	063
D2293	LL 103 C	Diode	351-16947	060
D2293	LL 103 C	Diode	351-16947	061
D2293	LL 103 C	Diode	351-16947	062
D2293	LL 103 C	Diode	351-16947	063
D2863	0,2A 75V SOD80 LL4148	Diode	351-15015	060
D2863	0,2A 75V SOD80 LL4148	Diode	351-15015	061
D2863	0,2A 75V SOD80 LL4148	Diode	351-15015	062
D2863	0,2A 75V SOD80 LL4148	Diode	351-15015	063
	QUARZE/FILTER	**QUARTZES**		
X2048	18,432000 MHz HC49U	Crystal Oscillator	385-25502	
X2283	20,250000 MHz HC49U	Crystal Oscillator	385-26686	
X2336	12,000000 MHz HC49U CL=12PF	Crystal Oscillator	385-29247	
X2513	20,250000 MHz HC49U	Crystal Oscillator	385-26686	062
X2513	20,250000 MHz HC49U	Crystal Oscillator	385-26686	063
X2531	12,000000 MHz HC49U CL=12PF	Crystal Oscillator	385-29247	
X2876	6,000000 MHz HC49U CL=20PF	Crystal Oscillator	385-29248	
	WIDERSTÄNDE	**RESISTORS**		
R1168	10R J 0207 0,25W WIDSI	Resistor	366-20353	
R1268	10R J 0207 0,25W WIDSI	Resistor	366-20353	
R1347	10R J 0207 0,25W WIDSI	Resistor	366-20353	060
R1347	10R J 0207 0,25W WIDSI	Resistor	366-20353	061
R1347	10R J 0207 0,25W WIDSI	Resistor	366-20353	062
R1347	10R J 0207 0,25W WIDSI	Resistor	366-20353	063
R1380	10R J 0207 0,25W WIDSI	Resistor	366-20353	060
R1380	10R J 0207 0,25W WIDSI	Resistor	366-20353	061
R1380	10R J 0207 0,25W WIDSI	Resistor	366-20353	062
R1380	10R J 0207 0,25W WIDSI	Resistor	366-20353	063
R1711	10R J 0207 0,25W WIDSI	Resistor	366-20353	
R1731	10R J 0207 0,25W WIDSI	Resistor	366-20353	

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R1780	10R J 0207 0,25W WIDSI	Resistor	366-20353	
R1811	10R J 0207 0,25W WIDSI	Resistor	366-20353	
R1871	10R J 0207 0,25W WIDSI	Resistor	366-20353	
R1929	10R J 0207 0,25W WIDSI	Resistor	366-20353	
	SMD TEILE	**SMD PARTS**		
D1237	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	
D1416	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	060
D1416	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	061
D1416	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	062
D1416	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	063
D1564	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	060
D1564	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	061
D1564	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	062
D1564	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	063
D1717	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	
D1919	0,2A 75V SOD80 LL4148	Diode	351-15015	
D1922	0,2A 75V SOD80 LL4148	Diode	351-15015	
D1931	0,2A 75V SOD80 LL4148	Diode	351-15015	
D1932	0,2A 75V SOD80 LL4148	Diode	351-15015	
D1937	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	
D1981	0,2A 75V SOD80 LL4148	Diode	351-15015	060
D1981	0,2A 75V SOD80 LL4148	Diode	351-15015	061
D1981	0,2A 75V SOD80 LL4148	Diode	351-15015	062
D1981	0,2A 75V SOD80 LL4148	Diode	351-15015	063
D2031	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	060
D2031	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	061
D2031	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	062
D2031	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	063
D2091	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D2092	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D2097	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2549	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2559	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2567	LL 103 C	Diode	351-16947	
D2572	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	
D2574	LL 103 C	Diode	351-16947	
D2581	ZD 20V0 J 0W5 SOD-80 ZMM20	Diode	351-22138	

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	SMD TEILE	**SMD PARTS**		
D2582	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2586	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2591	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2592	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2594	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2596	LL 103 C	Diode	351-16947	
D2607	ZD 20V0 J 0W5 SOD-80 ZMM20	Diode	351-22138	
D2611	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2618	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2631	LL 103 C	Diode	351-16947	
D2632	LL 103 C	Diode	351-16947	
D2657	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2661	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2667	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2735	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2781	LL 103 C	Diode	351-16947	
D2783	LL 103 C	Diode	351-16947	
D2856	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2857	LL 103 C	Diode	351-16947	
D2930	ZD 5V6 G 0W5 SOD-80 ZMM5.6	Diode	351-22580	
D2964	0,2A 75V SOD80 LL4148	Diode	351-15015	
D2967	0,2A 75V SOD80 LL4148	Diode	351-15015	
Q1013	BC847BW SOT323	Transistor	344-27272	060
Q1013	BC847BW SOT323	Transistor	344-27272	061
Q1013	BC847BW SOT323	Transistor	344-27272	062
Q1013	BC847BW SOT323	Transistor	344-27272	063
Q1014	BC847BW SOT323	Transistor	344-27272	060
Q1014	BC847BW SOT323	Transistor	344-27272	061
Q1014	BC847BW SOT323	Transistor	344-27272	062
Q1014	BC847BW SOT323	Transistor	344-27272	063
Q1015	BC857BW SOT323	Transistor	344-28404	060
Q1015	BC857BW SOT323	Transistor	344-28404	061
Q1015	BC857BW SOT323	Transistor	344-28404	062
Q1015	BC857BW SOT323	Transistor	344-28404	063
Q1158	BC847BW SOT323	Transistor	344-27272	
Q1258	BC847BW SOT323	Transistor	344-27272	
Q1342	BC857BW SOT323	Transistor	344-28404	060

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	SMD TEILE	**SMD PARTS**		
Q1342	BC857BW SOT323	Transistor	344-28404	061
Q1342	BC857BW SOT323	Transistor	344-28404	062
Q1342	BC857BW SOT323	Transistor	344-28404	063
Q1348	BC847BW SOT323	Transistor	344-27272	060
Q1348	BC847BW SOT323	Transistor	344-27272	061
Q1348	BC847BW SOT323	Transistor	344-27272	062
Q1348	BC847BW SOT323	Transistor	344-27272	063
Q1361	BC817-25W SOT323	Transistor	344-28405	060
Q1361	BC817-25W SOT323	Transistor	344-28405	061
Q1361	BC817-25W SOT323	Transistor	344-28405	062
Q1361	BC817-25W SOT323	Transistor	344-28405	063
Q1381	BC847BW SOT323	Transistor	344-27272	060
Q1381	BC847BW SOT323	Transistor	344-27272	061
Q1381	BC847BW SOT323	Transistor	344-27272	062
Q1381	BC847BW SOT323	Transistor	344-27272	063
Q1386	BC847BW SOT323	Transistor	344-27272	060
Q1386	BC847BW SOT323	Transistor	344-27272	061
Q1386	BC847BW SOT323	Transistor	344-27272	062
Q1386	BC847BW SOT323	Transistor	344-27272	063
Q1441	BC847BW SOT323	Transistor	344-27272	
Q1466	BC857BW SOT323	Transistor	344-28404	
Q1551	BC857BW SOT323	Transistor	344-28404	060
Q1551	BC857BW SOT323	Transistor	344-28404	061
Q1551	BC857BW SOT323	Transistor	344-28404	062
Q1551	BC857BW SOT323	Transistor	344-28404	063
Q1552	BC847BW SOT323	Transistor	344-27272	060
Q1552	BC847BW SOT323	Transistor	344-27272	061
Q1552	BC847BW SOT323	Transistor	344-27272	062
Q1552	BC847BW SOT323	Transistor	344-27272	063
Q1556	BC847BW SOT323	Transistor	344-27272	060
Q1556	BC847BW SOT323	Transistor	344-27272	061
Q1556	BC847BW SOT323	Transistor	344-27272	062
Q1556	BC847BW SOT323	Transistor	344-27272	063
Q1637	BC847BW SOT323	Transistor	344-27272	060
Q1637	BC847BW SOT323	Transistor	344-27272	061
Q1637	BC847BW SOT323	Transistor	344-27272	062
Q1637	BC847BW SOT323	Transistor	344-27272	063

Signal-Board (M) Signal Board (M) Art.-Nr. 88176.060-064

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	SMD TEILE	**SMD PARTS**		
Q1641	BC847BW SOT323	Transistor	344-27272	060
Q1641	BC847BW SOT323	Transistor	344-27272	061
Q1641	BC847BW SOT323	Transistor	344-27272	062
Q1641	BC847BW SOT323	Transistor	344-27272	063
Q1644	BC857BW SOT323	Transistor	344-28404	060
Q1644	BC857BW SOT323	Transistor	344-28404	061
Q1644	BC857BW SOT323	Transistor	344-28404	062
Q1644	BC857BW SOT323	Transistor	344-28404	063
Q1651	BC847BW SOT323	Transistor	344-27272	060
Q1651	BC847BW SOT323	Transistor	344-27272	061
Q1651	BC847BW SOT323	Transistor	344-27272	062
Q1651	BC847BW SOT323	Transistor	344-27272	063
Q1654	BC857BW SOT323	Transistor	344-28404	060
Q1654	BC857BW SOT323	Transistor	344-28404	061
Q1654	BC857BW SOT323	Transistor	344-28404	062
Q1654	BC857BW SOT323	Transistor	344-28404	063
Q1666	BC857BW SOT323	Transistor	344-28404	060
Q1666	BC857BW SOT323	Transistor	344-28404	061
Q1666	BC857BW SOT323	Transistor	344-28404	062
Q1666	BC857BW SOT323	Transistor	344-28404	063
Q1671	BC847BW SOT323	Transistor	344-27272	060
Q1671	BC847BW SOT323	Transistor	344-27272	061
Q1671	BC847BW SOT323	Transistor	344-27272	062
Q1671	BC847BW SOT323	Transistor	344-27272	063
Q1771	BC847BW SOT323	Transistor	344-27272	
Q1824	BC847BW SOT323	Transistor	344-27272	
Q2476	BC847BW SOT323	Transistor	344-27272	
Q2594	BC847BW SOT323	Transistor	344-27272	
Q2671	BC847BW SOT323	Transistor	344-27272	
Q2741	BC847BW SOT323	Transistor	344-27272	060
Q2741	BC847BW SOT323	Transistor	344-27272	061
Q2741	BC847BW SOT323	Transistor	344-27272	062
Q2741	BC847BW SOT323	Transistor	344-27272	063
Q2746	BC847BW SOT323	Transistor	344-27272	060
Q2746	BC847BW SOT323	Transistor	344-27272	061
Q2746	BC847BW SOT323	Transistor	344-27272	062
Q2746	BC847BW SOT323	Transistor	344-27272	063

Signal-Board (M) Signal Board (M) Art.-Nr. 88176.060-064

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
Q2752	BC847BW SOT323	Transistor	344-27272	
Q2768	BC847BW SOT323	Transistor	344-27272	
	SMD TEILE	**SMD PARTS**		
Q2772	BC847BW SOT323	Transistor	344-27272	060
Q2772	BC847BW SOT323	Transistor	344-27272	061
Q2772	BC847BW SOT323	Transistor	344-27272	062
Q2772	BC847BW SOT323	Transistor	344-27272	063
Q2775	BC847BW SOT323	Transistor	344-27272	060
Q2775	BC847BW SOT323	Transistor	344-27272	061
Q2775	BC847BW SOT323	Transistor	344-27272	062
Q2775	BC847BW SOT323	Transistor	344-27272	063
Q2778	BC847BW SOT323	Transistor	344-27272	060
Q2778	BC847BW SOT323	Transistor	344-27272	061
Q2778	BC847BW SOT323	Transistor	344-27272	062
Q2778	BC847BW SOT323	Transistor	344-27272	063
Q2862	BC847BW SOT323	Transistor	344-27272	060
Q2862	BC847BW SOT323	Transistor	344-27272	061
Q2862	BC847BW SOT323	Transistor	344-27272	062
Q2862	BC847BW SOT323	Transistor	344-27272	063
Q2883	SN7002 SOT23 0A19 60V NCH	Transistor	344-29134	
Q2888	SN7002 SOT23 0A19 60V NCH	Transistor	344-29134	
Q2943	BC847BW SOT323	Transistor	344-27272	
Q2966	BC857BW SOT323	Transistor	344-28404	

Bedienteil Control Unit Art.-Nr. 88221.051-052

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
L8101	Relay 5V 75R 10A 1-pol.	Relay	387-29278	
T8101	Trafo Standby Q2500	Power Transformer	490-29284	
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
H8206	684 Halter/Diode vorm.	Holder	602-84535.052	
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I8123	TL 431ACLP	Integrated Circuit	349-19817.020	
I8131	VIPER12# SO8 CHARGE	Integrated Circuit	350-29281	
I8216	IR-Empfänger (2-Farbstreifen)	Coupler	353-27396.Y20	
	BUCHSEN/FASSUNGEN	**SOCKETS**		
W8311	Chinch-Buchse weiß	Socket	323-17954	

Bedienteil Control Unit Art.-Nr. 88221.051-052

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	BUCHSEN/FASSUNGEN	**SOCKETS**		
W8321	Chinch-Buchse rot	Socket	323-17952	
W8331	Mini-DIN-Buchse 4-pol.	^Socket	323-18108	
W8461	Kopfhörerbuchse (Klinke)	Socket	323-15966	
	DIODEN	**DIODES**		
D8133	Gleichrichter DF 08 S	Rectifier	354-25837	
D8206	LED 3mm rot low current	Coupler	353-22140	
D8207	LED 3mm grün low current	Coupler	353-22141	
I8122	Opto-Koppler DIP4 80V 50/80mA	Coupler	353-28638	
	SCHALTER	**SWITCHES**		
S8101	Netzschalter 8013 LORL	Switch	471-25599 052	
S8102	Netzschalter 8013 LORL	Switch	471-25599 051	
S8201	Taster vertikal (kurz)	Switch	467-17895 051	
S8201	Taster (lang)	Switch	467-28135 052	
S8202	Taster vertikal (kurz)	Switch	467-17895 051	
S8202	Taster (lang)	Switch	467-28135 052	
S8203	Taster vertikal (kurz)	Switch	467-17895 051	
S8203	Taster (lang)	Switch	467-28135 052	
	SICHERUNGEN	**FUSES**		
F8133	630mA T 250V 8x8	Fuse	380-13837.020	
	KONDENSATOREN	**CAPACITORS**		
C8133	Elko 4U7 M 400V	Electrolytic Capacitor	360-29280.020	
	SMD TEILE	**SMD PARTS**		
D8106	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8111	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8112	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8114	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8121	1,0A 200V DO214AC FAST-GP	Diode	351-25539 052	
D8121	1,0A 200V DO214AC FAST-GP	Diode	351-29831 051	
D8131	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8138	0,2A 75V SOD80 LL4148	Diode 351-15015		
D8201	ZD12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D8202	ZD12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D8204	ZD12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D8331	ZD12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D8336	ZD12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D8391	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8392	0,2A 75V SOD80 LL4148	Diode	351-15015	

Bedienteil Control Unit Art.-Nr. 88221.051-052

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
D8491	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8492	0,2A 75V SOD80 LL4148	Diode	351-15015	
	SMD TEILE	**SMD PARTS**		
Q8111	BC847BW SOT323	Transistor	344-27272	
Q8114	BC847BW SOT323	Transistor	344-27272	
Q8202	BC847BW SOT323	Transistor	344-27272	

Bedienteil Control Unit Art.-Nr. 88225.050-053

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
L8101	Relay 5V0 62R 16A 1-pol.	Relay	387-29279	
T8101	Trafo Standby Q2500 EF16-4,7	Power Transformer	490-29284	
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
H8207	554 Halter/Diode vorm.	Holder	602-84535.055	
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I8123	TL 431ACLP	Integrated Circuit	349-19817.020	
I8131	VIPER12# SO8 CHARGE	Integrated Circuit	350-29281	
I8216	IR-Empfänger (2-Farbstreifen)	Coupler	353-27396.Y20	
	BUCHSEN/FASSUNGEN	**SOCKETS**		
W8321	Kopfhörerbuchse (Klinke)	Socket	323-15966 051	
W8321	Kombibuchse 8mm	Socket	323-27124 053	
W8321	Kombibuchse 6,5mm	Socket	323-27415 050	
W8321	Kombibuchse 6,5mm	Socket	323-27415 052	
	DIODEN	**DIODES**		
D8133	Gleichrichter DF 08 S	Rectifier	354-25837	
D8206	LED 3mm rot low current	Coupler	353-22140	
D8207	LED 3mm grün low current	Coupler	353-22141	
I8122	Opto-Koppler DIP4 80V 50/80mA	Coupler	353-28638	
	SCHALTER	**SWITCHES**		
S8101	Netzschalter 8013 LORL	Switch	471-25599	
S8201	Taster vertikal (kurz)	Switch	467-17895 050	
S8201	Taster vertikal (kurz)	Switch	467-17895 051	
S8201	Taster vertikal (kurz)	Switch	467-17895 053	
S8201	Taster (lang)	Switch	467-28135 052	
S8202	Taster vertikal (kurz)	Switch	467-17895 050	
S8202	Taster vertikal (kurz)	Switch	467-17895 051	
S8202	Taster vertikal (kurz)	Switch	467-17895 053	

Bedienteil Control Unit Art.-Nr. 88225.050-053

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	SCHALTER	**SWITCHES**		
S8202	Taster (lang)	Switch	467-28135 052	
S8203	Taster vertikal (kurz)	Switch	467-17895 050	
S8203	Taster vertikal (kurz)	Switch	467-17895 051	
S8203	Taster vertikal (kurz)	Switch	467-17895 053	
S8203	Taster (lang)	Switch	467-28135 052	
	SICHERUNGEN	**FUSES**		
F8133	630mA T 250V 8x8	Fuse	380-13837.020	
	KONDENSATOREN	**CAPACITORS**		
C8133	Elko 4U7 M 400V	Electrolytic Capacitor	360-29280.020	
	SMD TEILE	**SMD PARTS**		
D8106	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8111	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8112	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8114	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8121	1,0A 200V DO214AC FAST-GP	Diode	351-25539 050	
D8121	1,0A 200V DO214AC FAST-GP	Diode	351-29831 051	
D8121	1,0A 200V DO214AC FAST-GP	Diode	351-29831 052	
D8121	1,0A 200V DO214AC FAST-GP	Diode	351-29831 053	
D8131	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8131	0,2A 75V SOD80 LL4148	Diode	351-15015 051	
D8131	0,2A 75V SOD80 LL4148	Diode	351-15015 053	
D8131	1,0A 200V DO214AC FAST-GP	Diode	351-29831 052	
D8138	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8138	0,2A 75V SOD80 LL4148	Diode	351-15015 051	
D8138	0,2A 75V SOD80 LL4148	Diode	351-15015 053	
D8201	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D8202	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D8204	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D8331	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532 050	
D8331	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532 053	
D8336	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532 050	
D8336	ZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532 053	
D8391	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8392	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8491	0,2A 75V SOD80 LL4148	Diode	351-15015	
D8492	0,2A 75V SOD80 LL4148	Diode	351-15015	
Q8111	BC847BW SOT323	Transistor	344-27272	

Bedienteil Control Unit Art.-Nr. 88226.052

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
Q8114	BC847BW SOT323	Transistor	344-27272	
Q8202	BC847BW SOT323	Transistor	344-27272	
L8101	Relay 5V0 62R 16A 1-pol. 29x16x13	Relay	387-29279	052
T8101	Trafo Standby Q2500 EF16-4,7	Power Transformer	490-29284	052
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
H8207	554 Halter/Halter vorm.	Holder	602-84535.055	052
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I8123	TL 431ACLP +	Integrated Circuit	349-19817.020	052
I8131	VIPER12# SO8 CHARGE	Integrated Circuit	350-29281	052
	BUCHSEN/FASSUNGEN	**SOCKETS**		
W8321	Kombibuchse 6,5mm	Socket	323-27415	052
	DIODEN	**DIODES**		
D8133	Gleichrichter DF 08 S	Rectifier	354-25837	052
D8206	LED 3mm rot low current	Coupler	353-22140	052
D8207	LED 3mm grün low current	Coupler	353-22141	052
I8122	Opto-Koppler DIP4 80V 50/80mA	Coupler	353-28638	052
	SCHALTER	**SWITCHES**		
S8101	Netzschalter 8013 LORL	Switch	471-25599	052
S8201	Taster (lang) 6,2x6,2mm horiz.	Switch	467-28135	052
S8202	Taster (lang) 6,2x6,2mm horiz.	Switch	467-28135	052
S8203	Taster (lang) 6,2x6,2mm horiz.	Switch	467-28135	052
	SICHERUNGEN	**FUSES**		
F8133	630mA T 250V 8x8	Fuse	380-13837.020	052
	KONDENSATOREN	**CAPACITORS**		
C8133	Elko 4U7 M 400V	Electrolytic Capacitor	360-29280.020	052
	SMD TEILE	**SMD PARTS**		
D8106	0,2A 75V SOD80 LL4148	Diode	351-15015	052
D8111	0,2A 75V SOD80 LL4148	Diode	351-15015	052
D8112	0,2A 75V SOD80 LL4148	Diode	351-15015	052
D8114	0,2A 75V SOD80 LL4148	Diode	351-15015	052
D8121	1,0A 200V DO214AC FAST-GP	Diode	351-29831	052
D8131	1,0A 200V DO214AC FAST-GP	Diode	351-29831	052
D8201	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	052
D8202	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	052
D8204	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	052
D8391	0,2A 75V SOD80 LL4148	Diode	351-15015	052
D8392	0,2A 75V SOD80 LL4148	Diode	351-15015	052

Bedienteil Control Unit Art.-Nr. 88226.052

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
D8491	0,2A 75V SOD80 LL4148	Diode	351-15015	052
D8492	0,2A 75V SOD80 LL4148	Diode	351-15015	052
Q8111	BC847BW SOT323	Transistor	344-27272	052
Q8114	BC847BW SOT323	Transistor	344-27272	052
Q8202	BC847BW SOT323	Transistor	344-27272	052

Bedienteil Control Unit Art.-Nr. 88227.050

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
L8101	Relay 5V0 62R 16A 1-pol. 29x16x13	Relay	387-29279	050
T8101	Trafo Standby Q2500 EF16-4,7	Power Transformer	490-29284	050
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
H8206	Halter/Diode Holder	602-27977 050		
H8207	Halter/Diode Holder	602-27977 050		
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
10	IR-Empfänger TSOP-1136SF1	Coupler	353-28926 050	
I8123	TL 431ACLP	Integrated Circuit	349-19817.020 050	
I8131	VIPER12# SO8	Integrated Circuit	350-29281 050	
I8216	IR-Empfänger TSOP-1136SF1	Coupler	353-28926.Y20 050	
	DIODEN	**DIODES**		
10	LED 3mm grün klar	Coupler	353-28978 050	
10	LED 3mm rot klar eingefärbt	Coupler	353-28981 050	
D8133	Gleichrichter DF 08 S	Rectifier	354-25837 050	
D8206	LED 3mm grün klar	Coupler	353-28978Y20 050	
D8207	LED 3mm rot klar eingefärbt	Coupler	353-28981.Y20 050	
I8122	Opto-Koppler DIP4 80V 50/80mA	Coupler	353-28638 050	
	SCHALTER	**SWITCHES**		
S8201	Taster 5x3mm liegend	Switch	467-28928 050	
S8202	Taster 5x3mm liegend	Switch	467-28928 050	
S8203	Taster 5x3mm liegend	Switch	467-28928 050	
S8101	Netzschalter VTROS 8022 LORL	Switch	471-28927 050	
	SICHERUNGEN	**FUSES**		
F8133	630mA T 250V 8x8	Fuse	380-13837.020 050	
	KONDENSATOREN	**CAPACITORS**		
C8133	4U7 M 400V	Electrolytic Capacitor	360-29280.020 050	

Bedienteil Control Unit Art.-Nr. 88227.050

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
D8106	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8111	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8112	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8114	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8121	1,0A 200V DO214AC FAST-GP	Diode	351-25539 050	
D8131	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8138	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8201	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532 050	
D8202	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532 050	
D8204	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532 050	
	SMD TEILE	**SMD PARTS**		
D8281	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8282	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8331	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532 050	
D8336	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532 050	
D8391	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8392	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8491	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
D8492	0,2A 75V SOD80 LL4148	Diode	351-15015 050	
Q8111	BC847BW SOT323	Transistor	344-27272 050	
Q8114	BC847BW SOT323	Transistor	344-27272 050	
Q8202	BC847BW SOT323	Transistor	344-27272 050	

Bildrohrplatte CRT P.C.B Art.-Nr. 87832.060-067

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
L3226	Dr. EMV Typ RB 4-pol. 1A 50V 0,08 Ohm	Choke	298-28883	060
L3226	Dr. EMV Typ RB 4-pol. 1A 50V 0,08 Ohm	Choke	298-28883	062
L3226	Dr. EMV Typ RB 4-pol. 1A 50V 0,08 Ohm	Choke	298-28883	067
L3366	Dr. 4U7 K 0,75A	Choke	298-14991	
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
61	Montageclip Bildrohrpl.-IC's	Spring	739-23415	
	INTEGR.SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I3371	TDA6111	Integrated Circuit	349-23123	

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	INTEGR.SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I3381	TDA6111	Integrated Circuit	349-23123	
I3391	TDA6111	Integrated Circuit	349-23123	
	BUCHSEN/FASSUNGEN	**SOCKETS**		
20	Bildrohrfassung	Socket	320-23997	062
20	Bildrohrfassung	Socket	320-24766	060
20	Bildrohrfassung	Socket	320-24766	063
20	Bildrohrfassung	Socket	320-24766	067
	TRANSISTOREN	**TRANSISTORS**		
Q3221	BC640	Transistor	346-25720.020	060
Q3221	BC640	Transistor	346-25720.020	062
Q3221	BC640	Transistor	346-25720.020	067
Q3222	BC639	Transistor	346-75622.020	060
Q3222	BC639	Transistor	346-75622.020	062
Q3222	BC639	Transistor	346-75622.020	067
	DIODEN	**DIODES**		
D3351	0,5A 20V DO-35 SD103C	Diode	352-17741	
D3367	1,0A 1000V DO204AL 1N4007	Diode	352-79585	
	KONDENSATOREN	**CAPACITORS**		
C3154	22U S 250V	Electrolytic Capacitor	360-11762.020	060
C3154	22U S 250V	Electrolytic Capacitor	360-11762.020	062
C3154	22U S 250V	Electrolytic Capacitor	360-11762.020	067
C3360	10N M 2000V	Capacitor	357-21868	
C3366	22U S 250V	Electrolytic Capacitor	360-11762.020	
C3367	22U S 250V	Electrolytic Capacitor	360-11762.020	
C3368	1N M 1000V	Capacitor	357-73102.020	
C3373	100N K 250V	Capacitor	359-26910.020	
C3383	100N K 250V	Capacitor	359-26910.020	
C3393	100N K 250V	Capacitor	359-26910.020	
	WIDERSTÄNDE	**RESISTORS**		
R3153	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	060
R3153	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	062
	WIDERSTÄNDE	**RESISTORS**		
R3153	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	067
R3362	1K5 K 0411	Resistor	365-77586	
R3364	10R J 0207	Resistor	366-77101	
R3366	270R J 0414 WIDSI	Resistor	366-27623	
R3367	1M J 0207	Resistor	366-28054	

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
R3368	1K5 K 0411	Resistor	365-77586	
R3374	82K G 0207	Resistor	367-10885	
R3378	560R K 0411	Resistor	365-15309	
R3384	82K G 0207	Resistor	367-10885	
R3388	560R K 0411	Resistor	365-15309	
R3394	82K G 0207	Resistor	367-10885	
R3398	560R K 0411	Resistor	365-15309	
	SMD TEILE	**SMD PARTS**		
D3218	BA 592 SOD323	Diode	351-25810	060
D3218	BA 592 SOD323	Diode	351-25810	062
D3218	BA 592 SOD323	Diode	351-25810	067
D3219	BA 592 SOD323	Diode	351-25810	060
D3219	BA 592 SOD323	Diode	351-25810	062
D3219	BA 592 SOD323	Diode	351-25810	067
D3341	0,2A 75V SOD80 LL4148	Diode	351-15015	
D3342	0,2A 75V SOD80 LL4148	Diode	351-15015	
D3354	0,2A 75V SOD80 LL4148	Diode	351-15015	
D3371	0,2A 75V SOD80 LL4148	Diode	351-15015	
D3373	BAV103 IMPLOTEC-Diode	Diode	351-27246	
D3376	0,2A 75V SOD80 LL4148	Diode	351-15015	
D3381	0,2A 75V SOD80 LL4148	Diode	351-15015	
D3383	BAV103 IMPLOTEC-Diode	Diode	351-27246	
D3386	0,2A 75V SOD80 LL4148	Diode	351-15015	
D3391	0,2A 75V SOD80 LL4148	Diode	351-15015	
D3393	BAV103 IMPLOTEC-Diode	Diode	351-27246	
D3396	0,2A 75V SOD80 LL4148	Diode	351-15015	
Q3157	BC856BW SOT323	Transistor	344-28629	060
Q3157	BC856BW SOT323	Transistor	344-28629	062
	SMD TEILE	**SMD PARTS**		
Q3157	BC856BW SOT323	Transistor	344-28629	067
Q3161	BC847BW SOT323	Transistor	344-27272	
Q3171	BC847BW SOT323	Transistor	344-27272	
Q3181	BC847BW SOT323	Transistor	344-27272	
Q3204	BC847BW SOT323	Transistor	344-27272	060
Q3204	BC847BW SOT323	Transistor	344-27272	062
Q3204	BC847BW SOT323	Transistor	344-27272	067
Q3211	BC857BW SOT323	Transistor	344-28404	060
Q3211	BC857BW SOT323	Transistor	344-28404	062

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
Q3211	BC857BW SOT323	Transistor	344-28404	067
Q3216	BC847BW SOT323	Transistor	344-27272	060
Q3216	BC847BW SOT323	Transistor	344-27272	062
Q3216	BC847BW SOT323	Transistor	344-27272	067
Q3341	BC857BW SOT323	Transistor	344-28404	
Q3343	BC847BW SOT323	Transistor	344-27272	
Q3376	BFN22 SOT23	Transistor	344-15349	060
Q3376	BFN22 SOT23	Transistor	344-15349	062
Q3376	BFN22 SOT23	Transistor	344-15349	067
Q3386	BFN22 SOT23	Transistor	344-15349	060
Q3386	BFN22 SOT23	Transistor	344-15349	062
Q3386	BFN22 SOT23	Transistor	344-15349	067
Q3396	BFN22 SOT23	Transistor	344-15349	060
Q3396	BFN22 SOT23	Transistor	344-15349	062
Q3396	BFN22 SOT23	Transistor	344-15349	067

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I4500	TDA5637 SOT340	Integrated Circuit	350-27278	051
I4600	TSA5523M SOT266	Integrated Circuit	350-27275	051
I4800	TDA9818 TS-SSOP24	Integrated Circuit	350-28463	051
	DIODEN	**DIODES**		
D4203	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	051
D4204	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4222	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	051
D4241	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	051
D4242	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4303	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	051
D4304	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4322	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	051
D4341	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	051
D4403	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4422	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4441	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	DIODEN	**DIODES**		
D4508	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	051
D4527	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	051
D4551	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4806	BAV 99W SOT323	Diode	351-27469	051
	SMD TEILE	**SMD PARTS**		
D4702	BA 592 SOD323	Diode	351-25810	051
D4703	BA 592 SOD323	Diode	351-25810	051
D4751	BA 592 SOD323	Diode	351-25810	051
D4752	BA 592 SOD323	Diode	351-25810	051
D4771	BA 592 SOD323	Diode	351-25810	051
D4772	BA 592 SOD323	Diode	351-25810	051
D4781	BA 592 SOD323	Diode	351-25810	051
D4832	BA 592 SOD323	Diode	351-25810	051
Q4702	Digital SOT323 NPN 50V 70mA 47K	Transistor	344-27270	051
Q4709	Digital SOT323 NPN 50V 70mA 47K	Transistor	344-27270	051
Q4752	Digital SOT323 NPN 50V 100mA 47K	Transistor	344-28555	051
Q4754	Digital SOT323 NPN 50V 70mA 47K	Transistor	344-27270	051
Q4772	Digital SOT323 NPN 50V 100mA 47K	Transistor	344-28555	051
Q4774	Digital SOT323 NPN 50V 70mA 47K	Transistor	344-27270	051
Q4804	BC857BW SOT323	Transistor	344-28404	051
Q4832	BCR198W SOT323 PNP	Transistor	344-27269	051
Q4833	BC847BW SOT323	Transistor	344-27272	051

Tuner D (Dualsystem) Art.-Nr. 87273.051

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I4500	TDA5637 SOT340	Integrated Circuit	350-27278	051
I4600	TSA5523M SOT266	Integrated Circuit	350-27275	051
I4800	TDA9818 TS-SSOP24	Integrated Circuit	350-28463	051
	DIODEN	**DIODES**		
D4203	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	051
D4204	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4222	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	051
D4241	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	051
D4242	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4303	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	051

Tuner D (Dualsystem) — Art.-Nr. 87273.051

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	DIODEN	**DIODES**		
D4304	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4322	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	051
D4341	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	051
D4403	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4422	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4441	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4508	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	051
D4527	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	051
D4551	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	051
D4806	BAV 99W SOT323	Diode	351-27469	051
	SMD TEILE	**SMD PARTS**		
D4702	BA 592 SOD323	Diode	351-25810	051
D4703	BA 592 SOD323	Diode	351-25810	051
D4751	BA 592 SOD323	Diode	351-25810	051
D4752	BA 592 SOD323	Diode	351-25810	051
D4771	BA 592 SOD323	Diode	351-25810	051
D4772	BA 592 SOD323	Diode	351-25810	051
D4781	BA 592 SOD323	Diode	351-25810	051
D4832	BA 592 SOD323	Diode	351-25810	051
Q4702	Digital SOT323 NPN 50V 70mA 47K	Transistor	344-27270	051
Q4709	Digital SOT323 NPN 50V 70mA 47K	Transistor	344-27270	051
Q4752	Digital SOT323 NPN 50V 100mA 47K	Transistor	344-28555	051
Q4754	Digital SOT323 NPN 50V 70mA 47K	Transistor	344-27270	051
Q4772	Digital SOT323 NPN 50V 100mA 47K	Transistor	344-28555	051
Q4774	Digital SOT323 NPN 50V 70mA 47K	Transistor	344-27270	051
Q4804	BC857BW SOT323	Transistor	344-28404	051
Q4832	BCR198W SOT323 PNP	Transistor	344-27269	051
Q4833	BC847BW SOT323	Transistor	344-27272	051

Tuner — Art.-Nr. 87998.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	VERBINDUNGSLEITUNG CONNECTING CABLES			
50	Antennenkabel 240mm mit Winkelstecker	Connecting Cable	169-27470.001	050
	INTEGR.SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I4500	TDA5637 SOT340	Integrated Circuit	350-27278	050

Tuner — Art.-Nr. 87998.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	INTEGR.SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I4600	TSA5523M SOT266	Integrated Circuit	350-27275	050
I4800	TDA9818 TS-SSOP24 Integrated Circuit	350-28463	050	
	DIODEN	**DIODES**		
D4203	0A02 30V SOD323 BB640	Diode	351-26568	050
D4204	0A02 30V SOD323 BB535	Diode	351-26570	050
D4222	0A02 30V SOD323 BB640	Diode	351-26568	050
D4241	0A02 30V SOD323 BB640	Diode	351-26568	050
D4242	0A02 30V SOD323 BB535	Diode	351-26570	050
D4303	0A02 30V SOD323 BB639	Diode	351-26571	050
D4304	0A02 30V SOD323 BB535	Diode	351-26570	050
D4322	0A02 30V SOD323 BB639	Diode	351-26571	050
	DIODEN	**DIODES**		
D4341	0A02 30V SOD323 BB639	Diode	351-26571	050
D4403	0A02 30V SOD323 BB535	Diode	351-26570	050
D4422	0A02 30V SOD323 BB535	Diode	351-26570	050
D4441	0A02 30V SOD323 BB535	Diode	351-26570	050
D4508	0A02 30V SOD323 BB640	Diode	351-26568	050
D4527	0A02 30V SOD323 BB639	Diode	351-26571	050
D4551	0A02 30V SOD323 BB535	Diode	351-26570	050
D4806	BAV 99W SOT323	Diode	351-27469	050
	QUARZE/FILTER	**QUARTZES**		
X4710	OFW-FILTER G3962	Filter	290-19700	050
	SMD TEILE	**SMD PARTS**		
Q4804	BC857BW SOT323	Transistor	344-28404	050

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
U100	SAT-Tuner DVB/FM BS2W7HG1002	Scaffolding Access.	291-28502	050
U100	SAT-Tuner DVB/FM BS2W7HG1002	Scaffolding Access.	291-28502	052
U240	SAT-Tuner SF1218/SH	Tuner	260-28462	051
U700	SAT-Tuner SF1218/SH	Tuner	260-28462	050
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I150	IC MAX4546CSE SO16 RF/Video Switch	Integrated Circuit	350-28499	052
I300	IC LM2574M-ADJ 0,5A M14B	Integrated Circuit	350-28497	

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I320	IC LM 2903D SO08	Integrated Circuit	350-21674	
I360	ICMOS SAA1300 SOT142-1	Integrated Circuit	349-28501	
I400	IC TSA5523M SOT266	Integrated Circuit	350-27275	050
I400	IC TSA5523M SOT266	Integrated Circuit	350-27275	052
I450	IC LM 358 SMD	Integrated Circuit	350-21521	050
I450	IC LM 358 SMD	Integrated Circuit	350-21521	052
I700	IC STV0056A DIP56Shrink	Integrated Circuit	349-28504	
I800	IC LM2574M-ADJ 0,5A M14B	Integrated Circuit	350-28497	050
I820	IC LM 2903D SO08	Integrated Circuit	350-21674	050
I860	ICMOS SAA1300 SOT142-1	Integrated Circuit	349-28501	050
I900	IC TDA6151 SO20	Integrated Circuit	350-23124	050
	QUARZE/FILTER	**QUARTZES**		
X789	Quarz 4,000000 MHz HC49U	Crystal Oscillator	385-20171	
	WIDERSTÄNDE	**RESISTORS**		
R301	1R J 0207	Resistor	367-24709.020	
R801	1R J 0207	Resistor	367-24709.020	050
	SMD TEILE	**SMD PARTS**		
D301	3,0A 40V SOD6 Schottky	Diode	351-28529	051
D301	3,0A 40V SOD6 Schottky	Diode	351-28529	052
D303	1,0A 600V	Diode	351-20547	051
D303	1,0A 600V	Diode	351-20547	052
D338	ZD 5V6 SOD80 ZMM B ITT	Diode	351-22580	051
D338	ZD 5V6 SOD80 ZMM B ITT	Diode	351-22580	052
D376	LL4148 SOD80	Diode	351-15015	
D381	LL4148 SOD80	Diode	351-15015	
D613	LL4148 SOD80	Diode	351-15015	
D613	BAS316 SOD323	Diode	351-27952	051
D614	BAS316 SOD323	Diode	351-27952	051
D616	BAS316 SOD323	Diode	351-27952	051
	SMD TEILE	**SMD PARTS**		
D624	BAS316 SOD323	Diode	351-27952	051
D626	LL4148 SOD80	Diode	351-15015	
D626	BAS316 SOD323	Diode	351-27952	051
D627	BAS316 SOD323	Diode	351-27952	051
D876	LL4148 SOD80	Diode	351-15015	050
D881	LL4148 SOD80	Diode	351-15015	050
Q103	SI2302DS MOSF. N- 1,25W SOT23	Transistor	344-28503	050

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
Q103	SI2302DS MOSF. N-Kanal 1,25W SOT23	Transistor	344-28503	052
Q104	SI2302DS MOSF. N-Kanal 1,25W SOT23	Transistor	344-28503	050
Q104	SI2302DS MOSF. N-Kanal 1,25W SOT23	Transistor	344-28503	052
Q107	BC847BW SOT323	Transistor	344-27272	050
Q107	BC847BW SOT323	Transistor	344-27272	052
Q108	BCR148W SOT323	Transistor	344-27270	050
Q108	BCR148W SOT323	Transistor	344-27270	052
Q109	BCR148W SOT323	Transistor	344-27270	050
Q109	BCR148W SOT323	Transistor	344-27270	052
Q121	BC847BW SOT323	Transistor	344-27272	050
Q121	BC847BW SOT323	Transistor	344-27272	052
Q316	BCR148W SOT323	Transistor	344-27270	
Q318	BC847BW SOT323	Transistor	344-27272	
Q334	BC847BW SOT323	Transistor	344-27272	
Q340	BC847BW SOT323	Transistor	344-27272	
Q352	BC847BW SOT323	Transistor	344-27272	
Q354	BC847BW SOT323	Transistor	344-27272	
Q364	BCR148W SOT323	Transistor	344-27270	
Q366	BCR148W SOT323	Transistor	344-27270	
Q367	BCR148W SOT323	Transistor	344-27270	
Q368	BCR148W SOT323	Transistor	344-27270	
Q374	BC847BW SOT323	Transistor	344-27272	
Q377	BC847BW SOT323	Transistor	344-27272	
Q392	BCR148W SOT323	Transistor	344-27270	
Q393	BC847BW SOT323	Transistor	344-27272	
Q553	BC847BW SOT323	Transistor	344-27272	
Q658	BC857W SOT323	Transistor	344-27468	050
Q658	BC857BW SOT323	Transistor	344-28404	051
Q658	BC857W SOT323	Transistor	344-27468	052
Q679	BC857W SOT323	Transistor	344-27468	050
Q679	BC857BW SOT323	Transistor	344-28404	051
Q679	BC857W SOT323	Transistor	344-27468	052
Q712	BF799LK	Transistor	344-17798	
Q723	BC857W SOT323	Transistor	344-27468	050
Q723	BC857BW SOT323	Transistor	344-28404	051
Q723	BC857W SOT323	Transistor	344-27468	052
Q752	BC847B SOT23	Transistor	344-14974	

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
Q816	BCR148W SOT323	Transistor	344-27270	050
Q818	BC847BW SOT323	Transistor	344-27272	050
Q834	BC847BW SOT323	Transistor	344-27272	050
Q840	BC847BW SOT323	Transistor	344-27272	050
Q841	BCR148W SOT323	Transistor	344-27270	050
Q842	BC847BW SOT323	Transistor	344-27272	050
Q852	BC847BW SOT323	Transistor	344-27272	050
Q854	BC847BW SOT323	Transistor	344-27272	050
Q864	BCR148W SOT323	Transistor	344-27270	050
Q866	BCR148W SOT323	Transistor	344-27270	050
Q867	BCR148W SOT323	Transistor	344-27270	050
Q868	BCR148W SOT323	Transistor	344-27270	050
Q874	BC847BW SOT323	Transistor	344-27272	050
Q877	BC847BW SOT323	Transistor	344-27272	050
Q913	BC847BW SOT323	Transistor	344-27272	050
Q927	BC847BW SOT323	Transistor	344-27272	050
Q933	BC857W SOT323	Transistor	344-27468	050
Q934	BC847BW SOT323	Transistor	344-27272	050
Q941	BC857W SOT323	Transistor	344-27468	050
Q943	BC847BW SOT323	Transistor	344-27272	050
Q948	BC857B SOT23	Transistor	344-14979	050
Q952	BC857W SOT323	Transistor	344-27468	050
Q957	BC847BW SOT323	Transistor	344-27272	050
Q969	BCR198W SOT323	Transistor	344-27269	050
Q971	BC857W SOT323	Transistor	344-27468	050
Q976	BC847B SOT23	Transistor	344-14974	050

Frequenzweiche Cross-over network Art.-Nr. 85729.072-080

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R10	10M J 0411	Resistor	367-19664.Y03	076
	SPEZIALTEILE	**SPECIAL PARTS**		
L01	Dr. 1mH8	Choke	298-22671	072
N05	Kabelbaum 3/2-pol. 150lg. UL Natur	Connecting Cable	171-88432.051	072
N05	Kabelbaum 3/2-pol. 200lg. UL Natur	Connecting Cable	171-88432.059	077
N05	Kabelbaum 3/2-pol. 200lg. UL Natur	Connecting Cable	171-88432.059	080

Frequenzweiche Cross-over network Art.-Nr. 85729.072-080

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPEZIALTEILE	**SPECIAL PARTS**		
N08	Kabelbaum 3/2-pol. 150lg. UL Natur	Connecting Cable	171-88432.051	072
	SPEZIALTEILE	**SPECIAL PARTS**		
R01	4R7 K 5,00W	Resistor	368-25590	077
R01	4R7 K 5,00W	Resistor	368-25590	080
W01	Stiftw. vert. 3-pol. Natur	Contact Ledge	326-28095	072
W01	Stiftw. vert. 3-pol. Natur	Contact Ledge	326-28095	077
W01	Stiftw. vert. 3-pol. Natur	Contact Ledge	326-28095	080

DVB1-Modul DVB1 Module Art.-Nr. 88223.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	ALLGEM.MECHAN.TEILE	**COMMON MECHANICAL PARTS**		
14	Wärmeleitfolie 10x10mm	Plasticband	190-29724.001	050
15	Wärmeleitfolie 25X25MM	Plasticband	190-29724.002	050
	INTEGR.SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I7051	ICMOS STI5500BVA/BVB PQSP208	Integrated Circuit	350-27822	050
I7081	IC 3.3V 0,8A SO08 Volt. Regulator	Integrated Circuit	350-27212	050
I7091	IC 3.3V 0,8A SO08 Volt. Regulator	Integrated Circuit	350-27212	050
I7251	ICMOS 74 HCT125 SMD	Integrated Circuit	350-15523	050
I7301	ICMOS KM416V# TSOP50 60ns DRAM	Integrated Circuit	350-28457	050
I7311	ICMOS KM416V# TSOP50 60ns DRAM	Integrated Circuit	350-28457	050
I7321	AT 29LV010A-15TC/20TC/25TC TSOP-32	Integrated Circuit	350-27821	050
I7331	ICMOS TE28F008B3T90 TSOP40	Integrated Circuit	350-28456	050
I7341	ICMOS TE28F008B3T90 TSOP40	Integrated Circuit	350-28456	050
I7371	ICMOS KM416S# TSOP50 80ns SDRAM	Integrated Circuit	350-28459	050
I7381	ICMOS KM416S# TSOP50 80ns SDRAM	Integrated Circuit	350-28459	050
I7431	ICMOS MK2727STR SO-8	Integrated Circuit	350-28090	050
I7551	IC UC3843# SO8 V-CONT	Integrated Circuit	350-29258	050
I7577	ICMOS HEF4053D SO16	Integrated Circuit	350-24881	050
I7701	IC 3.3V 0,8A SO08 Volt. Regulator	Integrated Circuit	350-27212	050
I7721	IC STV0299B TQFP64	Integrated Circuit	350-29049	050
I7861	ICMOS CS 4334 SO8	Integrated Circuit	350-27826	050
I7901	IC LM2574M-ADJ 0,5A M14B	Integrated Circuit	350-28497	050
I7931	IC-VR 12V00 G 0A25 CDT120 4931	Integrated Circuit	350-29256	050
I7981	I.C. TL 7702 ACD SO-8 LV 030	Integrated Circuit	350-27827	050
	QUARZE/FILTER	**QUARTZES**		
X7436	13,500000 MHz HC49U	Crystal Oscillator	385-18287	050

DVB1-Modul DVB1 Module Art.-Nr. 88223.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	QUARZE/FILTER	**QUARTZES**		
X7758	4,000000 MHz HC49U	Crystal Oscillator	385-17297	050
	SMD TEILE	**SMD PARTS**		
D7206	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7212	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7232	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7239	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7242	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7249	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7346	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7465	LL 103 C	Diode	351-16947	050
D7466	LL 103 C	Diode	351-16947	050
D7554	3,0A 40V SOD6 Schottky	Diode	351-28529	050
D7761	1,0A 600V	Diode	351-20547	050
D7902	3,0A 40V SOD6 Schottky	Diode	351-28529	050
Q7156	BC847BW SOT323	Transistor	344-27272	050
Q7201	BC857BW SOT323	Transistor	344-28404	050
Q7211	BC847BW SOT323	Transistor	344-27272	050
Q7230	BC857BW SOT323	Transistor	344-28404	050
Q7231	BC847BW SOT323	Transistor	344-27272	050
Q7235	BC857BW SOT323	Transistor	344-28404	050
Q7240	BC857BW SOT323	Transistor	344-28404	050
Q7241	BSV52 SOT23	Transistor	344-16207	050
Q7245	BC857BW SOT323	Transistor	344-28404	050
Q7257	BC847BW SOT323	Transistor	344-27272	050
Q7341	BC857BW SOT323	Transistor	344-28404	050
Q7551	17NE03# TO252 17A0 30V NCH	Transistor	344-29257	050
Q7577	SN7002 SOT23 0A19 60V NCH	Transistor	344-29134	050
Q7580	BC847BW SOT323	Transistor	344-27272	050
Q7581	BC857BW SOT323	Transistor	344-28404	050
Q7586	BC847BW SOT323	Transistor	344-27272	050
Q7592	BC847BW SOT323	Transistor	344-27272	050
Q7812	BC857BW SOT323	Transistor	344-28404	050
Q7822	BC857BW SOT323	Transistor	344-28404	050
Q7832	BC857BW SOT323	Transistor	344-28404	050
Q7842	BC857BW SOT323	Transistor	344-28404	050
Q7852	BC857BW SOT323	Transistor	344-28404	050

AC3-Modul AC3 Module Art.-Nr. 88228.050

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
10	ICMOS OTP VSOP32 256KX8	Integrated Circuit	350-28694	050
I001	ICMOS CS4925 PLCC44	Integrated Circuit	350-28692	050
I002	ICMOS CS4226 TQFP44	Integrated Circuit	350-28693	050
I003	ICMOS 74LVC574APW TSOP20	Integrated Circuit	350-28695	050
I004	ICMOS 74LVC574APW TSOP20	Integrated Circuit	350-28695	050
I005	ICMOS OTP VSOP32 256KX8 SW V1.0	Integrated Circuit	350-28694050	050
I006	ICMOS SSM2404 SO20	Integrated Circuit	350-28699	050
I007	MC33079 SO14	Integrated Circuit	350-28701	050
I008	MC33079 SO14	Integrated Circuit	350-28701	050
I009	ICMOS HEF4053D SO16	Integrated Circuit	350-24881	050
I010	ICMOS M34063A SO008	Integrated Circuit	350-28429	050
I011	ICMOS 8575 SOT340 I/O-EXP.J2C	Integrated Circuit	350-29252	050
I012	MC33078 SO8	Integrated Circuit	350-28702	050
I013	ICMOS HCF4081B SO14	Integrated Circuit	350-28689	050
I014	ICMOS SSM2404 SO20	Integrated Circuit	350-28699	050
I015	ICMOS 74LVC125APW TSSOP14	Integrated Circuit	350-28697	050
I016	ICMOS 74LVC14APW TSSOP14	Integrated Circuit	350-28748	050
I018	NJM2234 SSOP-8 Video-Switch	Integrated Circuit	350-29253	050
	SMD TEILE	**SMD PARTS**		
D001	DIOZD 5V6 G 0W5 SOD-80 ZMM5.6	Diode	351-22580	050
D002	1,0A 800V DO214AC FAST-GP	Diode	351-25542	050
Q001	BC847BW SOT323	Transistor	344-27272	050
Q002	BC847BW SOT323	Transistor	344-27272	050
Q004	BC847BW SOT323	Transistor	344-27272	050
Q005	BC847BW SOT323	Transistor	344-27272	050
Q006	BC847BW SOT323	Transistor	344-27272	050
Q007	BC847BW SOT323	Transistor	344-27272	050
Q008	BC857BW SOT323	Transistor	344-28404	050
Q009	BC847BW SOT323	Transistor	344-27272	050
Q010	BC857BW SOT323	Transistor	344-28404	050
Q011	BC847BW SOT323	Transistor	344-27272	050

VGA/IR-Modul VGA/IR Module Art.-Nr. 87717.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I811	ICMOS 74HCT 86 SO14	Integrated Circuit	350-16065	050
I891	ICMOS 74HCT 00 SO14	Integrated Circuit	350-15555	050
I896	SN74LS92D SO14 TTL	Integrated Circuit	350-28484	050
	BUCHSEN/FASSUNGEN	**SOCKETS**		
W801	Subminiatur-Buchse 15-pol.	Socket	323-28415	050
W876	Kopfhörerbuchse 2,5mm	Socket	323-27389	050
W881	Kopfhörerbuchse 3,5mm Mono	Socket	323-28672	050
	QUARZE/Filter	**QUARTZES**		
X893	Piezo Filter 429,0KHz	Ceramic Filter	386-18622	050
	WIDERSTÄNDE	**RESISTORS**		
10	33R J 0207	Resistor	366-22944	050
R882	33R geschnitten	Resistor	366-22944.Y01	050
	SMD TEILE	**SMD PARTS**		
D876	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	050
D877	ZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	050
D887	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	050
Q881	BC807-25 SOT23	Transistor	344-16064	050

VGA/IR-Modul VGA/IR Module Art.-Nr. 87717.070

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
20	Lpl. IR-Adapter kpl. Q24/25	P.C.B	396-87717.070	
	GERÄTEBEIPACK	**SET SUPPLEMENT**		
21	Haltewinkel	Angle	592-88127.001	
22	Schraube schwarz CM3,0X6 DIN 7500 ST	Screw	432-26944	
	GEHÄUSETEILE	**CABINET MOUNTING**		
10	Abdeckung SCART Q25M/H	Mask	703-87728.001	
11	Schraube schwarz CM3,0X6 DIN 7500 ST	Screw	432-26944	
25	Neoprenstanzteil 15x10x6 selbstklebend	Foam Plastics Ledge	411-22286.002	
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I891	ICMOS 74HCT 00 SO14	Integrated Circuit	350-15555	070
I896	SN74LS92D SO14 TTL	Integrated Circuit	350-28484	070
	BUCHSEN/FASSUNGEN	**SOCKETS**		
W881	Kopfhörerbuchse 3,5mm Mono	Socket	323-28672	070

VGA/IR-Modul VGA/IR Module Art.-Nr. 87717.070

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	QUARZE/FILTER	**QUARTZES**		
X893	Piezo Filter 429,0KHz	Ceramic Filter	386-18622	070
	WIDERSTÄNDE	**RESISTORS**		
10	33R J 0207	Resistor	366-22944	070
R882	33R geschnitten	Resistor	366-22944.Y01	070
	SMD TEILE	**SMD PARTS**		
D887	0,2A 75V SOD80 LL4148	Diode	351-15015	070
Q881	BC807-25 SOT23	Transistor	344-16064	070

TVO/DVB-Netzteil TVO/DVB Power Supply Art.-Nr. 87812.050

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
T871	W-Trafo kpl.	Power Transformer	490-28577	050
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
20	Glimmerscheibe 16x21	Insulating Piece	421-10881	050
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
10	TL 431ACLP +	Integrated Circuit	349-19817.020	050
I804	TDA4605-3/TDA4605	Integrated Circuit	349-22113	050
I853	TL 431ACLP	Integrated Circuit	349-19817.Y06	050
I896	MC 7812 CT	Integrated Circuit	349-79382	050
	DIODEN	**DIODES**		
10	2x10A 25V TO220AB	Diode	352-28587	050
D881	2x10A 25V TO220AB	Diode	352-28587.Y20	050
I851	Opto-Koppler DIP4 80V 50/80mA	Coupler	353-28638	050
	SICHERUNGEN	**FUSES**		
10	SICH. 630mA T 250V 8x8	Fuse	380-13837.020	050
F891	SICH. 630mA T 250V 8x8	Fuse	380-13837.Y06	050
	KONDENSATOREN	**CAPACITORS**		
C801	Elko 100U M 250V	Electrolytic Capacitor	360-27505.Y07	050
C836	10N M 1000V	Capacitor	359-22573	050
C881	2N2 M 200V	Capacitor	356-25833	050
C882	2N2 M 200V	Capacitor	356-25833	050
C883	Elko 6800U M 10V	Electrolytic Capacitor	360-27120.040	050
C886	Elko 6800U M 10V	Electrolytic Capacitor	360-27120.040	050
C891	2N2 M 200V	Capacitor	356-25833	050
C892	2N2 M 200V	Capacitor	356-25833	050

TVO/DVB-Netzteil TVO/DVB Power Supply Art.-Nr. 87812.050

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
D814	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D821	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D832	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D836	1,0A 800V DO214AC GP	Diode	351-28722	050
D862	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D891	2,0A 150V DO214AA FAST-GP	Diode	351-25538	050
L881	Fe-Dr. 0805 SMD Ferritperle	Choke	296-28382	050
L882	Fe-Dr. 0805 SMD Ferritperle	Choke	296-28382	050
L891	Fe-Dr. 0805 SMD Ferritperle	Choke	296-28382	050
Q832	STD4NB40 DPAK	Transistor	344-28594	050

TVO2 Art.-Nr.87647.060-062

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
L 71	Dr. 270uH J	Choke	298-26895	
L886	Übertrager 2-fach ISDN SMD	Coil	297-28418	
L887	EMV-Drossel Array ISDN SMD	Coil	297-28419	
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
10	ICMOS AT 89C51 PLCC44 Microcontroller	Integrated Circuit	350-27378	
10	ICMOS 29C020# PLCC32 120N Flash	Integrated Circuit	350-28422	
I 52	3.3V 1,5A DD-P Volt. Regulator	Integrated Circuit	350-28739.030	
I 61	ICMOS M34063A SO008	Integrated Circuit	350-28429	
I101	ICMOS ELAN SC400 - 100 AC BGA292	Integrated Circuit	350-28428	
I201	ICMOS DRAM 64MB 60ns 3,3V TSOP050	Integrated Circuit	350-28427	
I206	ICMOS DRAM 64MB 60ns 3,3V TSOP050	Integrated Circuit	350-28427	
I211	ICMOS 74ALVC164245 SSOP48	Integrated Circuit	350-28426	
I231	ICMOS 74ACT244 SO20	Integrated Circuit	350-24305	
I236	ICMOS 74ACT244 SO20	Integrated Circuit	350-24305	
I241	ICMOS 74ACT244 SO20	Integrated Circuit	350-24305	
I251	ICMOS 74ACT244 SO20	Integrated Circuit	350-24305	
I256	ICMOS 74ACT244 SO20	Integrated Circuit	350-24305	
I291	ICMOS 29C020-12JC PROGR. V1.1 TVO2	Integrated Circuit	350-28422.051	
I431	ICMOS MIC2563A-1BSM SSOP28	Integrated Circuit	350-28423	061
I431	ICMOS MIC2563A-1BSM SSOP28	Integrated Circuit	350-28423	062
I446	ICMOS 74ACT244 SO20	Integrated Circuit	350-24305	061
I446	ICMOS 74ACT244 SO20	Integrated Circuit	350-24305	062

TVO2 Art.-Nr.87647.060-062

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I511	ICMOS CYPERPRO 5050 QFP208	Integrated Circuit	350-28425	
I561	ICMOS SGRAM 256Kx32x2 8ns PQFP100	Integrated Circuit	350-28432	
I641	ICMOS CS4297A-JQ,CS4297A-KQ	Integrated Circuit	350-28434	
I691	ICMOS 74ABT16245 SSOP	Integrated Circuit	350-28635	
I701	ICMOS FDC37C932 QFL160	Integrated Circuit	350-28435	
I711	ICMOS 89C51 PROGR. V2.0	Integrated Circuit	350-27378.060	
I726	ICMOS 74ACT14 SO014	Integrated Circuit	350-28436	
I791	ICMOS GD75232 LGS/75C185 TI SO020	Integrated Circuit	350-28437	
I818	ICMOS 74HCT126 SO14	Integrated Circuit	350-28664	
I841	ICMOS GD75232 LGS/75C185 TI SO020	Integrated Circuit	350-28437	
I866	ICMOS PSB2115 H V 1.1 QFP64	Integrated Circuit	350-28439	
I911	ICMOS 74ACT 32-D SO14	Integrated Circuit	350-22442	
I931	ICMOS 74ACT 08 SO14	Integrated Circuit	350-24306	
	BUCHSEN/FASSUNGEN	**SOCKETS**		
I291	IC-Fassung 32-pol.	Socket	320-23672	
I711	IC-Fassung 44-pol.	Socket	320-24662	
W613	Subminiatur-Buchse 15-pol.	Socket	323-28415	062
W681	Kopfhörerbuchse 3,5mm horiz.	Socket	323-24591	062
W729	Kopfhörerbuchse 2,5mm	Socket	323-27389	062
	DIODEN	**DIODES**		
10	1 N 5819	Diode	352-24307	
D 71	1 N 5819	Diode	352-24307.Y03	
	QUARZE/FILTER	**QUARTZES**		
X186	32,768 KHz SMD	Crystal Oscillator	385-28738.030	
X396	14.318180 MHz VX3A OSZIL.SMD	Crystal Oscillator	385-28449	
X506	24,576000 MHz VX3MH OSZIL.SMD	Crystal Oscillator	385-28816	
X723	11,059200 MHz HC49U3H low profile	Crystal Oscillator	385-16812	
X876	7,680000 MHz HC49U3 low profile	Crystal Oscillator	385-19213	
	KONDENSATOREN	**CAPACITORS**		
C 86	Elko 1F Z 5,5V GOLDCAP	Electrolytic Capacitor	360-28442	
	SMD TEILE	**SMD PARTS**		
D 80	0,2A 75V SOD80 LL4148	Diode	351-15015	
D 81	ZD 3V0 J 0W5 SOD-80 ZMM3	Diode	351-22085	
D 87	0,2A 75V SOD80 LL4148	Diode	351-15015	
D 91	0,2A 75V SOD80 LL4148	Diode	351-15015	
D592	0,2A 75V SOD80 LL4148	Diode	351-15015	
D594	0,2A 75V SOD80 LL4148	Diode	351-15015	

TVO2 — Art.-Nr.87647.060-062

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
D825	0,2A 75V SOD80 LL4148	Diode	351-15015	
D828	0,2A 75V SOD80 LL4148	Diode	351-15015	
D835	0,2A 75V SOD80 LL4148	Diode	351-15015	
D838	0,2A 75V SOD80 LL4148	Diode	351-15015	
D883	BAV 99 SOT23	Diode	351-18831	
D884	BAV 99 SOT23	Diode	351-18831	
D890	ZD 3V0 J 0W5 SOD-80 ZMM3	Diode	351-22085	
D891	BAV 99 SOT23	Diode	351-18831	
D892	BAV 99 SOT23	Diode	351-18831	
Q 81	BC847B SOT23	Transistor	344-14974	
Q 83	BC857B SOT23	Transistor	344-14979	
Q533	BC847B SOT23	Transistor	344-14974	
Q812	BC847B SOT23	Transistor	344-14974	
Q821	BC857B SOT23	Transistor	344-14979	
Q827	BC847B SOT23	Transistor	344-14974	
Q831	BC857B SOT23	Transistor	344-14979	
Q837	BC847B SOT23	Transistor	344-14974	

TVO3-Modul TVO3 Module — Art.-Nr. 88202.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	BAUGRUPPEN	**UNITS**		
60	Compact Flash Card 64MB V1.0	Drive Mechanism	270-29992.050	050
61	CPU-Modul ETX TVO3	Drive Mechanism	270-29398	050
62	DRAM-Modul 64MB 100 MHz	Drive Mechanism	270-29399	050
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
63	Abstandsbolzen	Bolt	579-29854	050
64	Schraube M2,5x18,0 Torx (Zylinder)	Screw	440-29855	050
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
10	ICMOS AT 89C51 PLCC44 Microcontroller	Integrated Circuit	350-27378	050
10	ICMOS 29LV256 PLCC-32 150ns Flash	Integrated Circuit	350-29288	050
10	ICMOS 22V10 PLCC-28 25ns PAL	Integrated Circuit	350-29292	050
10	ICMOS AT29C257 PLCC-32 120ns Flash	Integrated Circuit	350-29813	050
I9229	ICMOS 74HCT126 SO14	Integrated Circuit	350-28664	050
I9268	ICMOS SP211E# SSOP-28 Driver	Integrated Circuit	350-29290	050
I9291	IC 3.3V 1,5A DD-P Volt. Reg.	Integrated Circuit	350-28739.030	050
I9296	ICMOS SC5826# SO-8 Driver	Integrated Circuit	350-29289	050

TVO3-Modul TVO3 Module — Art.-Nr. 88202.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I9302	IC TL 7705 SO8	Integrated Circuit	350-19006	050
I9311	AT29C257 PLCC-32 120ns Flash V1.0	Integrated Circuit	350-29813.050	050
I9312	ICMOS 22V10 PLCC-28 25ns PAL V1.0	Integrated Circuit	350-29292.050	050
I9321	ICMOS CS4297A-JQ,CS4297A-KQ TQFP48	Integrated Circuit	350-28434	050
I9501	ICMOS CYPERPRO 5050 QFP208	Integrated Circuit	350-28425	050
I9502	ICMOS 29LV256 PLCC-32 150ns Flash V1.0	Integrated Circuit	350-29288.050	050
I9511	ICMOS SGRAM 16-MBIT 8ns PQFP100	Integrated Circuit	350-29892	050
I9512	ICMOS SGRAM 16-MBIT 8ns PQFP100	Integrated Circuit	350-29892	050
I9701	ICMOS 89C51 Progr. V2.0	Integrated Circuit	350-27378.060	050
I9702	ICMOS 74ACT14 SO014	Integrated Circuit	350-28436	050
I9866	ICMOS PSB2115 H V 1.1 QFP64	Integrated Circuit	350-28439	050
I9867	ICMOS 74ACT14 SO014	Integrated Circuit	350-28436	050
	BUCHSEN/FASSUNGEN	**SOCKETS**		
I9311	IC-Fassung 32-pol.	Socket	320-23672	050
I9312	IC-Fassung 28-P PLCC28	Socket	320-29307	050
I9502	IC-Fassung 32-pol.	Socket	320-23672	050
I9701	IC-Fassung 44-pol.	Socket	320-24662	050
W9201	Buchse RJ-45 LAN	Socket	323-29155	050
W9204	Connector Compact Flash	Drive Mechanism	270-29239	050
W9268	Buchse Stecker D-SUB 9 pol.	Contact Ledge	326-28483	050
W9297	USB-Buchse einfach	Socket	323-30715	050
W9298	USB-Buchse einfach	Socket	323-30715	050
	BUCHSEN/FASSUNGEN	**SOCKETS**		
W9891	Buchse RJ45	Socket	323-22567	050
	QUARZE/FILTER	**QUARTZES**		
X9501	24,576000MHz VX3MH Oszil. SMD	Crystal Oscillator	385-28816	050
X9701	11,059200 MHz HC49U3H low profile	Crystal Oscillator	385-16812	050
X9877	7,680000 MHz HC49U3 low profile	Crystal Oscillator	385-19213	050
	KONDENSATOREN	**CAPACITORS**		
C9306	Elko 1F Z 5,5V GOLDCAP	Electrolytic Capacitor	360-28442	050
	SMD TEILE	**SMD PARTS**		
D9201	BAV 99W SOT323	Diode	351-27469	050
D9202	BAV 99W SOT323	Diode	351-27469	050
D9203	BAV 99W SOT323	Diode	351-27469	050
D9204	BAV 99W SOT323	Diode	351-27469	050
D9231	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D9232	0,2A 75V SOD80 LL4148	Diode	351-15015	050

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	SMD TEILE	**SMD PARTS**		
D9233	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D9235	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D9296	BAV 99W SOT323	Diode	351-27469	050
D9297	BAV 99W SOT323	Diode	351-27469	050
D9298	BAV 99W SOT323	Diode	351-27469	050
D9299	BAV 99W SOT323	Diode	351-27469	050
D9301	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D9302	DIOZD 3V0 J 0W5 SOD-80 ZMM3	Diode	351-22085	050
D9303	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D9401	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D9402	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D9580	BAV 99W SOT323	Diode	351-27469	050
D9581	BAV 99W SOT323	Diode	351-27469	050
D9582	BAV 99W SOT323	Diode	351-27469	050
D9593	BAV 99W SOT323	Diode	351-27469	050
D9594	BAV 99W SOT323	Diode	351-27469	050
D9595	BAV 99W SOT323	Diode	351-27469	050
D9596	BAV 99W SOT323	Diode	351-27469	050
D9597	BAV 99W SOT323	Diode	351-27469	050
D9701	BAV 99W SOT323	Diode	351-27469	050
D9707	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D9883	BAV 99 SOT23	Diode	351-18831	050
D9884	BAV 99 SOT23	Diode	351-18831	050
	SMD TEILE	**SMD PARTS**		
D9890	DIOZD 30V0 G 0W5 SOD-80 ZMM30	Diode	351-21652	050
D9891	BAV 99 SOT23	Diode	351-18831	050
D9892	BAV 99 SOT23	Diode	351-18831	050
Q9231	BC847BW SOT323	Transistor	344-27272	050
Q9232	BC857BW SOT323	Transistor	344-28404	050
Q9233	BC847BW SOT323	Transistor	344-27272	050
Q9234	BC847BW SOT323	Transistor	344-27272	050
	SMD TEILE	**SMD PARTS**		
Q9235	BC857BW SOT323	Transistor	344-28404	050
Q9301	BC847BW SOT323	Transistor	344-27272	050
Q9302	BC857BW SOT323	Transistor	344-28404	050
Q9303	BC847BW SOT323	Transistor	344-27272	050
Q9366	BC847BW SOT323	Transistor	344-27272	050

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Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
820	Frequenzweiche kpl. Q2000	P.C.B	396-85729.051	
U2500	Basic-B. kpl. Q25B/M 29"/SF/136V/M-EPAS	P.C.B	396-88175.066	H62
U2500	Basic-B. kpl. Q25B/M 29"/SF/136V/M-EPAS	P.C.B	396-88175.066	L52
U2500	Basic-B. kpl. Q25B/M 29"/SF/136V/M-EPAS	P.C.B	396-88175.066	L62
U2500	Basic-B. kpl. Q25B/M 29"/SF/136V/D-EPAS	P.C.B	396-88175.084	L12
U2501	Signal-B. kpl. Q25M PIP	P.C.B	396-88176.062	L12
U2501	Signal-B. kpl. Q25M NICAM/PIP	P.C.B	396-88176.063	H62
U2501	Signal-B. kpl. Q25M NICAM/PIP	P.C.B	396-88176.063	L52
U2501	Signal-B. kpl. Q25M NICAM/PIP	P.C.B	396-88176.063	L62
U3371	Bildrohrpl./SVM kpl. Q2500 4:3 (PHIL)	P.C.B	396-87832.060	
U8211	Bedienteil kpl. Q25 ARC/CAL/Tandberg	P.C.B	396-88221.051	
	DRUCKSACHEN	**OPERATING INSTRUCTIONS**		
500	BAN -D-I ARC/PLAN Q2500	Operating Instructions	233-29375	H62
500	BAN -D-I ARC/PLAN Q2500	Operating Instructions	233-29375	L12
500	BAN -D-I ARC/PLAN Q2500	Operating Instructions	233-29375	L62
502	BAN -NL-F ARC/PLAN Q2500	Operating Instructions	233-29375.010	H62
502	BAN -NL-F ARC/PLAN Q2500	Operating Instructions	233-29375.010	L12
502	BAN -NL-F ARC/PLAN Q2500	Operating Instructions	233-29375.010	L62
503	BAN -GB-E ARC/PLAN Q2500	Operating Instructions	233-29375.020	
540	Service Kurzanleitung Q2500	Service Manual	230-29277	
570	Rückantwortkarte LOEWE 2 D-I-GB-F-E-NL	Indicating Sheet	240-28787.001	
	GERÄTEBEIPACK	**SET SUPPLEMENT**		
A0640	Mikrozelle 1,5V Alkali-Mangan	Accumulator	280-13411	
U9111	IR-Fernbedienung Control 150 TV arktis	Transmitter	263-87000.060	
	VERPACKUNGSMATERIAL	**PACKING MATERIAL**		
101	Schutzstreifen	Protective Packing	253-84666.025	
600	Verpackungskarton LO-Druck	Packing Case	245-85732.702	
610	Packschalen-Satz 29" ARCADA	Cushion-Set	252-85731.050	
J0501	Klarsichtbeutel 240x320 bedruckt	Protective Packing	253-16668	
J0701	Schutzstreifen 350x190mm(IR-G.)	Protective Packing	253-84666.004	
	KNÖPFE	**BUTTONS**		
320	Knopf/Taster schwarz	Button	682-85081.111	
350	524 Knopf/Netzsch.	Button	682-85724.021	
	GEHÄUSETEILE	**CABINET MOUNTING**		
111	Halter/RW	Holder	602-85723.101	
112	Flachr.-Schraube M4,0x10-4.8 f. RW-Befest.	Screw	435-24094	
113	Schraube K4,0x14,0 Torx sw-vzkt.	Screw	440-27723	

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Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	GEHÄUSETEILE	**CABINET MOUNTING**		
200	Distanzstück f. Bildrohrbefestg.	Clutch Piece	503-17983	
201	Schraube 7x40 vzkt. f. Bildrohrbefestg.	Screw	440-18058	
202	Distanzstück	Clutch Piece	503-84629.101	
230	Halter/Entmag.	Holder	602-84286.101	
301	Träger/Bedienung	Supporter	541-85747.102	
310	Klappe/Bed. vorm. schwarz	Cover Plate	706-85748.061	
311	Magnet f. Gehäuse	Magnet	303-85893.005	
330	Infrarot-Fenster für Bedienteil	Window	666-84571.101	
360	Ziergitter schwarz mit Stoff bespannt	Mask	703-85719.002	
822	Schraube K4,0x11,4 Torx WN1452	Screw	440-20819	
G100	FFS-Gehäuse schwarz 29"	Cabinet	750-85717.022	
G101	Zwischenstück schwarz	Cover	568-85727.102	
G102	Abdeckung oben stratos-metallic	Mask	703-85721.008	H62
G102	Abdeckung oben hgl.-schwarz	Mask	703-85721.012	L12
G102	Abdeckung oben hgl.-schwarz	Mask	703-85721.012	L52
G102	Abdeckung oben hgl.-schwarz	Mask	703-85721.012	L62
G103	Abdeckung unten stratos-metallic	Mask	703-85722.008	H62
G103	Abdeckung unten hgl.-schwarz	Mask	703-85722.012	L12
G103	Abdeckung unten hgl.-schwarz	Mask	703-85722.012	L52
G103	Abdeckung unten hgl.-schwarz	Mask	703-85722.012	L62
G110	Rückwand schwarz 29"	Backcover	775-85718.012	
G111	Zwischenstück schwarz	Cover	568-85727.102	
H0730	Chassishalter rechts	Holder	602-81482.121	
H0731	Chassishalter links	Holder	602-81481.101	
H0732	Gewindelasche M4 für RW-Befestigung	Guide Strap	561-81547.101	
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	
V0000	29Z A68ESF002X143	Picture Tube	345-27803	
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
800	Lautspr. 10 Ohm 11W Tiefton	Loudspeaker	272-85892	
810	Lautspr. 8 Ohm 11W	Loudspeaker	272-86074	H62
810	Lautspr. 8 Ohm 11W	Loudspeaker	272-86074	L12
810	Lautsprecher 8 Ohm 11W BB (JST/AMP)	Loudspeaker	272-88434	L52
810	Lautsprecher 8 Ohm 11W BB (JST/AMP)	Loudspeaker	272-88434	L62
L001	Entmagn.-Spule 28/29" 4:3, 28" 16:9	Coil	297-87882.003	
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
195	Clamper	Cable Binding	530-21237	
H003	Silikon-Glasseidenschlauch 14,0x0,7	Insulating Tube	184-29885	L52

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Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BUCHSEN/FASSUNGEN	**SOCKETS**		
N470	Adapter Lautsprecheranschluß Q2500	Plug	321-29382	

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Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
830	LPL.Frequenzweiche kpl.	P.C.B	396-85729.063	L62
830 J62	Frequenzweiche Q2500 ACO81/ARC84/CAL84		P.C.B396-85729.077	
830 L52	Frequenzweiche Q2500 ACO81/ARC84/CAL84		P.C.B396-85729.077	
830 V62	Frequenzweiche Q2500 ACO81/ARC84/CAL84		P.C.B396-85729.077	
U2500	Basic-B. kpl. Q25B/M 33"/FS/146V/M-EPAS	P.C.B	396-88175.065	
U2501	Signal-B. kpl. Q25M NICAM/PIP	P.C.B	396-88176.063	
U3371	Bildrohrpl./SVM kpl. Q2500 4:3 (PHIL)	P.C.B	396-87832.060	
U8211	Bedienteil kpl. Q25 ARC/CAL/Tandberg	P.C.B	396-88221.051	
	DRUCKSACHEN	**OPERATING INSTRUCTIONS**		
500	BAN -D-I ARC/PLAN Q2500	Operating Instructions	233-29375	J62
500	BAN -D-I ARC/PLAN Q2500	Operating Instructions	233-29375	L62
500	BAN -D-I ARC/PLAN Q2500	Operating Instructions	233-29375	V62
502	BAN -NL-F ARC/PLAN Q2500	Operating Instructions	233-29375.010	J62
502	BAN -NL-F ARC/PLAN Q2500	Operating Instructions	233-29375.010	L62
502	BAN -NL-F ARC/PLAN Q2500	Operating Instructions	233-29375.010	V62
503	BAN -GB-E ARC/PLAN Q2500	Operating Instructions	233-29375.020	
540	Service Kurzanleitung Q2500	Service Manual	230-29277	J62
540	Service Kurzanleitung Q2500	Service Manual	230-29277	L62
540	Service Kurzanleitung Q2500	Service Manual	230-29277	V62
540	Service Kurzanleitung Q2500	Service Manual	230-29277.001	L52
570	Rückantwortkarte LOEWE 2 D-I-GB-F-E-NL	Indicating Sheet	240-28787.001	
	GERÄTEBEIPACK	**SET SUPPLEMENT**		
A0640	Mikrozelle 1,5V Alkali-Mangan	Accumulator	280-13411	
U9111	IR-Fernbedienung Control 150 TV arktis	Transmitter	263-87000.060	
	VERPACKUNGSMATERIAL	**PACKING MATERIAL**		
102	Schutzstreifen 1600x1250mm	Protective Packing	253-84666.022	
103	Schutzstreifen	Protective Packing	253-84666.025	
600	Verpackungskarton LO-Druck	Packing Case	245-86271.702	
610	Packschalen-Satz 33" ARCADA/CALIDA	Cushion-Set	252-86273.050	

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Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	VERPACKUNGSMATERIAL	**PACKING MATERIAL**		
J0501	Klarsichtbeutel 240x320 bedruckt	Protective Packing	253-16668	
J0701	Schutzstreifen 350x190mm(IR-G.)	Protective Packing	253-84666.004	
	VERBINDUNGSLEITUNG	**CONNECTING CABLES**		
N003	Netzkabel Dr. 3400MM 0,75 SW JST	Power Cord	170-29738.003	L52
	KNÖPFE	**BUTTONS**		
320	Knopf/Taster schwarz	Button	682-85081.111	
350	524 Knopf/Netzsch.	Button	682-85724.021	
	GEHÄUSETEILE	**CABINET MOUNTING**		
111	Halter/RW	Holder	602-85723.101	
112	Flachr.-Schraube M4,0x10-4.8 f. RW-Befest.	Screw	435-24094	
113	Schraube K4,0x14,0 Torx sw-vzkt.	Screw	440-27723	
200	Distanzstück	Clutch Piece	503-24754	
230	Halter/Entmag.	Holder	602-84286.101	
301	Träger/Bedienung	Supporter	541-85747.102	
302	Filzstreifen 0,5x5x340mm	Felt Strip	414-28825	
311	Magnet f. Gehäuse	Magnet	303-85893.005	
330	Infrarot-Fenster für Bedienteil	Window	666-84571.101	
710	33Z A80EJA33X522	Picture Tube	345-29124	
G100	FFS-Gehäuse sw-hochgl. Q2100 33"	Cabinet	750-86607.002	L52
G100	FFS-Gehäuse sw-hochgl. Q2100 33"	Cabinet	750-86607.002	L62
G100	FFS-Gehäuse blau hochgl. 33"	Cabinet	750-86607.003	J62
G100	FFS-Gehäuse st. braun hochgl. 33"	Cabinet	750-86607.004	V62
G101	Zwischenstück schwarz	Cover	568-85727.102	
G110	Rückwand graphit 33"	Backcover	775-86278.012	
G111	Zwischenstück schwarz	Cover	568-85727.102	
G310	Klappe/Bed. vorm. schwarz	Cover Plate	706-85748.061	
G350	Ziergitter schwarz	Speaker Grille	708-86498.001	L52
G350	Ziergitter schwarz	Speaker Grille	708-86498.001	L62
G350	Ziergitter schwarz	Speaker Grille	708-86498.002	J62
G350	Ziergitter schwarz	Speaker Grille	708-86498.002	V62
H0730	Chassishalter rechts	Holder	602-81482.121	
H0731	Chassishalter links	Holder	602-81481.101	
H0732	Gewindelasche M4 für RW-Befestigung	Guide Strap	561-81547.101	
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	J62
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	L62
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	V62
H996	Abdeckung SCART Q25M	Mask	703-87728.081	L52

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Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	GEHÄUSETEILE	**CABINET MOUNTING**		
111	Halter/RW	Holder	602-85723.101	
112	Flachr.-Schraube M4,0x10-4.8 f. RW-Befest.	Screw	435-24094	
113	Schraube K4,0x14,0 Torx sw-vzkt.	Screw	440-27723	
200	Distanzstück	Clutch Piece	503-24754	
230	Halter/Entmag.	Holder	602-84286.101	
301	Träger/Bedienung	Supporter	541-85747.102	
302	Filzstreifen 0,5x5x340mm	Felt Strip	414-28825	
311	Magnet f. Gehäuse	Magnet	303-85893.005	
330	Infrarot-Fenster für Bedienteil	Window	666-84571.101	
710	33Z A80EJA33X522	Picture Tube	345-29124	
G100	FFS-Gehäuse sw-hochgl. Q2100 33"	Cabinet	750-86607.002	L52
G100	FFS-Gehäuse sw-hochgl. Q2100 33"	Cabinet	750-86607.002	L62
G100	FFS-Gehäuse blau hochgl. 33"	Cabinet	750-86607.003	J62
G100	FFS-Gehäuse st. braun hochgl. 33"	Cabinet	750-86607.004	V62
G101	Zwischenstück schwarz	Cover	568-85727.102	
G110	Rückwand graphit 33"	Backcover	775-86278.012	
G111	Zwischenstück schwarz	Cover	568-85727.102	
G310	Klappe/Bed. vorm. schwarz	Cover Plate	706-85748.061	
G350	Ziergitter schwarz	Speaker Grille	708-86498.001	L52
G350	Ziergitter schwarz	Speaker Grille	708-86498.001	L62
G350	Ziergitter schwarz	Speaker Grille	708-86498.002	J62
G350	Ziergitter schwarz	Speaker Grille	708-86498.002	V62
H0730	Chassishalter rechts	Holder	602-81482.121	
H0731	Chassishalter links	Holder	602-81481.101	
H0732	Gewindelasche M4 für RW-Befestigung	Guide Strap	561-81547.101	
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	J62
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	L62
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	V62
H996	Abdeckung SCART Q25M	Mask	703-87728.081	L52
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
800	Lautspr. Z= 4 Ohm 20W TT	Loudspeaker	272-87846	L62
800	Lautsprecher 4 Ohm 20W TT (JST)	Loudspeaker	272-88439	J62
800	Lautsprecher 4 Ohm 20W TT (JST)	Loudspeaker	272-88439	L52
800	Lautsprecher 4 Ohm 20W TT (JST)	Loudspeaker	272-88439	V62
810	Lautspr. 4 Ohm 20W HT	Loudspeaker	272-86411	
L001	Entmagn.-Spule 32" 16:9/ 33" 4:3	Coil	297-87882.001	

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Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
305	Clamper	Cable Binding	530-21237	
H003	Silikon-Glasseidenschlauch 14,0x0,7	Insulating Tube	184-29885	L52
	BUCHSEN/FASSUNGEN	**SOCKETS**		
N470	Adapter Lautsprecheranschluß Q2500	Plug	321-29382	

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Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
830	Frequenzweiche Q2500 PLA 81	P.C.B	396-85729.076	
G310	Bedieneinheit kpl. platin Austr. Q2500	Control Unit	810-87076.067	A52
U2500	Basic-B. kpl. Q25M 32"/WSSF/136V/M-EPAS	P.C.B	396-88175.061	
U2501	Signal-B. kpl. Q25M NICAM/PIP	P.C.B	396-88176.063	
U3371	Bildrohrpl./SVM kpl. Q2500 16:9 (JST)	P.C.B	396-87832.062	
	DRUCKSACHEN	**OPERATING INSTRUCTIONS**		
500	BAN -D-I ARC/PLAN Q2500	Operating Instructions	233-29375	A62
500	BAN -D-I ARC/PLAN Q2500	Operating Instructions	233-29375	E62
502	BAN -NL-F ARC/PLAN Q2500	Operating Instructions	233-29375.010	A62
502	BAN -NL-F ARC/PLAN Q2500	Operating Instructions	233-29375.010	E62
503	BAN -GB-E ARC/PLAN Q2500	Operating Instructions	233-29375.020	
540	Service Kurzanleitung Q2500	Service Manual	230-29277	A62
540	Service Kurzanleitung Q2500	Service Manual	230-29277	E62
540	Service Kurzanleitung Q2500	Service Manual	230-29277.001	A52
540	Service Kurzanleitung Q2500	Service Manual	230-29277.001	E52
570	Rückantwortkarte LOEWE 2 D-I-GB-F-E-NL	Indicating Sheet	240-28787.001	
	GERÄTEBEIPACK	**SET SUPPLEMENT**		
A0640	Mikrozelle 1,5V Alkali-Mangan	Accumulator	280-13411	
H881	Noppenstreifen selbstklebend	Felt Strip	414-29337	A52
H881	Noppenstreifen selbstklebend	Felt Strip	414-29337	E52
U9111	IR-Fernbedienung Control 150 TV arktis	Transmitter	263-87000.060	
	VERPACKUNGSMATERIAL	**PACKING MATERIAL**		
103	Schutzstreifen 1600x1250mm	Protective Packing	253-84666.022	
600	Verpackungskarton PLANUS	Packing Case	245-87143.702	
610	Packschalen-Satz 32" PLA/PLANUS	Cushion-Set	252-87079.050	
J0501	Klarsichtbeutel 240x320 bedruckt	Protective Packing	253-16668	
J0701	Schutzstreifen 350x190mm(IR-G.)	Protective Packing	253-84666.004	

Planus 4781ZP — Art.-Nr. 61417.52-62

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	GEHÄUSETEILE	**CABINET MOUNTING**		
102	Filzzuschnitt 30x5x1	Felt Strip	414-27413	
111	Halter/Rückwand	Holder	602-86757.011	
112	Schraube 40x20 Torx WN1451	Screw	440-25382	
113	Schraube K4,0x14,0 Torx sw-vzkt.	Screw	440-27723	
200	Distanzstück	Clutch Piece	503-24754	
201	EJOT-PT-Schraube 10,0x45 K100x45	Screw	440-19149	
230	Halter/Entmag.	Holder	602-87243.001	
709	Konvergenz-Minipol	Deflection Unit	278-26996	
710	32Z W76ESF031X44	Picture Tube	345-26377	
	GEHÄUSETEILE	**CABINET MOUNTING**		
821	U-Klammer für Lautsprecher	Fixing Set	731-25465	
G100	FFS-Gehäuse platin 32Z	Cabinet	750-87074.009	A52
G100	FFS-Gehäuse platin 32Z	Cabinet	750-87074.009	A62
G100	FFS-Gehäuse quarz 32Z	Cabinet	750-87074.028	E52
G100	FFS-Gehäuse quarz 32Z	Cabinet	750-87074.028	E62
G101	Zwischenstück natur	Cover	568-85727.101	A52
G101	Zwischenstück natur	Cover	568-85727.101	A62
G101	Zwischenstück natur	Cover	568-85727.101	E52
G101	Zwischenstück schwarz	Cover	568-85727.102	E62
G110	Rückwand platin 32Z	Backcover	775-87075.109	A52
G110	Rückwand platin 32Z	Backcover	775-87075.109	A62
G110	Rückwand quarz 32Z	Backcover	775-87075128	E52
G110	Rückwand quarz 32Z	Backcover	775-87075128	E62
G112	Klappe platin für Rückwand	Cover Plate	706-86556.009	A52
G112	Klappe platin für Rückwand	Cover Plate	706-86556.009	A62
G112	Klappe quarz für Rückwand	Cover Plate	706-86556.028	E52
G112	Klappe quarz für Rückwand	Cover Plate	706-86556.028	E62
G310	Bedieneinheit kpl. quarz Q2500	Control Unit	810-87076.056	E62
G310	Bedieneinheit kpl. platin Q2500	Control Unit	810-87076.057	A62
G350	Ziergitter platin	Speaker Grille	708-87077.019	A52
G350	Ziergitter platin	Speaker Grille	708-87077.019	A62
G350	Ziergitter quarz	Speaker Grille	708-87077.028	E52
G350	Ziergitter quarz	Speaker Grille	708-87077.028	E62
H1996	Abdeckung SCART m. IR-Link vorm. Q25M	Mask	703-87728.052	A62
H1996	Abdeckung SCART m. IR-Link vorm. Q25M	Mask	703-87728.052	E62
H996	Abdeckung SCART m. IR-Link vorm. Q25M	Mask	703-87728.052	A52
H996	Abdeckung SCART m. IR-Link vorm. Q25M	Mask	703-87728.052	E52

Planus 4781ZP — Art.-Nr. 61417.52-62

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
800	Lautsprecher 8 Ohm 11W BB (JST/AMP)	Loudspeaker	272-88434	
810	Lautsprecher 8 Ohm 16W TT (JST)	Loudspeaker	272-88437	
820	Lautsprecher 8 Ohm Hochton	Loudspeaker	272-85273	
L001	Entmagn.-Spule 32" 16:9/ 33" 4:3	Coil	297-87882.001	A52
L001	Entmagn.-Spule 32" 16:9/ 33" 4:3	Coil	297-87882.001	E52
L002	Spule Rotation m. Lpl. Q25 JST	Coil	297-29299	A52
L002	Spule Rotation m. Lpl. Q25 JST	Coil	297-29299	E52
L6001	Entmagn.-Spule 32" 16:9/ 33" 4:3	Coil	297-87882.001	A62
L6001	Entmagn.-Spule 32" 16:9/ 33" 4:3	Coil	297-87882.001	E62
L6002	Spule Rotation m. Lpl. Q25 JST	Coil	297-29299	A62
L6002	Spule Rotation m. Lpl. Q25 JST	Coil	297-29299	E62
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
192	Clamper	Cable Binding	530-20809	
195	Clamper	Cable Binding	530-21237	
	BUCHSEN/FASSUNGEN	**SOCKETS**		
N470	Adapter Lautsprecheranschluß Q2500	Plug	321-29382	

Tandberg 111997EU — Art.-Nr. 61430.10

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
U2500	Basic-B. kpl. Q25M 29"/SF/136V	P.C.B	396-88175.073	L10
U2501	Signal-B. kpl. Q25M	P.C.B	396-88176.064	L10
U3371	Bildrohrpl./SVM kpl. Q2500 4:3 (PHIL)	P.C.B	396-87832.060	L10
U8211	Bedienteil kpl. Q2500 ARC/CAL/Tandberg	P.C.B	396-88221.052	L10
	GERÄTEBEIPACK	**SET SUPPLEMENT**		
H104	Adapterstecker UK (Tandberg)	Plug	321-28968	L10
	VERPACKUNGSMATERIAL	**PACKING MATERIAL**		
600	Verpackungskarton CALIDA Relaunch	Packing Case	245-85739.003	L10
610	Packschalen-Satz 29" CALIDA	Cushion-Set	252-85737.050	L10
J0101	Schutzstreifen 1200x800mm	Protective Packing	253-84666.001	L10
	KNÖPFE	**BUTTONS**		
303	Knopf für Netzschalter schwarz	Button	682-87683.102	L10
320	Tastenset für Servicefunktionen schwarz	Button	682-87685.101	L10
	GEHÄUSETEILE	**CABINET MOUNTING**		
104	Magnet D 8x4	Magnet	303-28596	L10
105	Silikondämpfer	Gear Wheel	616-28597	L10

Tandberg 111997EU — Art.-Nr. 61430.10

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	GEHÄUSETEILE	**CABINET MOUNTING**		
106	Schraube EJOT-PT 3,0x8 KB30x8	Screw	440-23640	L10
107	Gummipuffer	Foot	783-87772.001	L10
111	Halter/RW	Holder	602-85723.101	L10
112	Flachr.-Schraube M4,0x10-4.8 f. RW-Befest.	Screw	435-24094	L10
113	Schraube K4,0x14,0 Torx sw-vzkt.	Screw	440-27723	L10
116	Filzstreifen 10x20	Felt Strip	414-25190	L10
200	Distanzstück f. Bildrohrbefestg.	Clutch Piece	503-17983	L10
201	Schraube 7x40 vzkt. f. Bildrohrbefestg.	Screw	440-18058	L10
230	Halter/Entmag.	Holder	602-84286.101	L10
301	Halterung für Bedienteil-Leiterplatte	Holder	521-87686.101	L10
G100	29" Gehäuse graphit Tandberg	Cabinet	750-87703.022	L10
G101	Zwischenstück schwarz	Cover	568-85727.102	L10
G110	Rückwand graphit 29"	Backcover	775-85734.017	L10
G111	Zwischenstück schwarz	Cover	568-85727.102	L10
G310	Klappe kpl. graphit	Cover Plate	706-87681.007	L10
G311	Scharnier für Klappe schwarz	Hinge	573-87682.102	L10
G350	Ziergitter C72 graphit	Speaker Grille	708-87707.002	L10
H0730	Chassishalter rechts	Holder	602-81482.121	L10
H0731	Chassishalter links	Holder	602-81481.101	L10
H0732	Gewindelasche M4 für RW-Befestigung	Guide Strap	561-81547.101	L10
H996	Abdeckung SCART Q25B/M	Mask	703-87728.011	L10
H997	Rohrstopfen schwarz	Stopper	506-29016	L10
V0000	29Z A68ESF002X143	Picture Tube	345-27803	L10
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
800	Lautspr. 8 Ohm 11W	Loudspeaker	272-86074	L10
L001	Entmagn.-Spule 28/29" 4:3, 28" 16:9	Coil	297-87882.003	L10
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
305	Clamper	Cable Binding	530-21237	L10

Tandberg 111998EU — Art.-Nr. 61429.10

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
830 L10	Frequenzweiche Q2500 ACO81/ARC84/CAL84		P.C.B396-85729.077	
U2500	Basic-B. kpl. Q25M 33"/FS/146V	P.C.B	396-88175.074	L10
U2501	Signal-B. kpl. Q25M	P.C.B	396-88176.064	L10

Tandberg 111998EU — Art.-Nr. 61429.10

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
U3371	Bildrohrpl./SVM kpl. Q2500 4:3 (PHIL)	P.C.B	396-87832.060	L10
U8211	Bedienteil kpl. Q25 ARC/CAL/Tandberg	P.C.B	396-88221.051	L10
	GERÄTEBEIPACK	**SET SUPPLEMENT**		
H102	Adapterstecker UK (Tandberg)	Plug	321-28968	L10
	VERPACKUNGSMATERIAL	**PACKING MATERIAL**		
102	Schutzstreifen 1600x1250mm	Protective Packing	253-84666.022	L10
103	Schutzstreifen	Protective Packing	253-84666.025	L10
600	Verpackungskarton LO-Druck	Packing Case	245-86271.702	L10
610	Packschalen-Satz 33" ARCADA/CALIDA	Cushion-Set	252-86273.050	L10
	KNÖPFE	**BUTTONS**		
303	Knopf II/Netzschalter USA/TANDB/CALIDA	Button	682-85749.012	L10
320	Knopf/Taster schwarz	Button	682-85081.111	L10
	GEHÄUSETEILE	**CABINET MOUNTING**		
111	Halter/RW	Holder	602-85723.101	L10
112	Flachr.-Schraube M4,0x10-4.8 f. RW-Befest.	Screw	435-24094	L10
113	Schraube K4,0x14,0 Torx sw-vzkt.	Screw	440-27723	L10
200	Distanzstück	Clutch Piece	503-24754	L10
230	Halter/Entmag.	Holder	602-84286.101	L10
301	Träger/Bedienung	Supporter	541-85747.102	L10
311	Magnet f. Gehäuse	Magnet	303-85893.005	L10
710	33Z A80EJA33X522	Picture Tube	345-29124	L10
G100	33" Gehäuse graphit Tandberg	Cabinet	750-86277.022	L10
G101	Zwischenstück schwarz	Cover	568-85727.102	L10
G110	Rückwand graphit 33"	Backcover	775-86278.012	L10
G111	Zwischenstück schwarz	Cover	568-85727.102	L10
G310	Klappe/Bedien. vorm. graphit USA/Tandberg	Cover Plate	706-85748.082	L10
G350	Ziergitter graphit	Speaker Grille	708-86276.005	L10
H0730	Chassishalter rechts	Holder	602-81482.121	L10
H0731	Chassishalter links	Holder	602-81481.101	L10
H0732	Gewindelasche M4 für RW-Befestigung	Guide Strap	561-81547.101	L10
H996	Abdeckung SCART Q25B/M	Mask	703-87728.021	L10
H997	Abdeckstopfen schwarz	Stopper	506-30779	L10
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
800	Lautsprecher 4 Ohm 20W TT (JST)	Loudspeaker	272-88439	L10
810	Lautspr. 4 Ohm 20W HT	Loudspeaker	272-86411	L10
L001	Entmagn.-Spule 32" 16:9/ 33" 4:3	Coil	297-87882.001	L10
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
305	Clamper	Cable Binding	530-21237	L10

Vitros 6381ZW — Art.-Nr. 61426.12-62

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
830	Lpl. Frequenzweiche KPL. VITROS Q2400	P.C.B	396-85729.070	A12
830	Lpl. Frequenzweiche kpl. VITROS Q2400	P.C.B	396-85729.070	M62
830	Frequenzweiche Q2500 VIT 81	P.C.B	396-85729.080	A62
830	Frequenzweiche Q2500 VIT 81	P.C.B	396-85729.080	M52
830	Frequenzweiche Q2500 VIT 81	P.C.B	396-85729.080	Q62
U2500	Basic-B. kpl. Q25M 32"/WSRF/136V/M-EPAS	P.C.B	396-88175.060	A62
U2500	Basic-B. kpl. Q25M 32"/WSRF/136V/M-EPAS	P.C.B	396-88175.060	M52
U2500	Basic-B. kpl. Q25M 32"/WSRF/136V/M-EPAS	P.C.B	396-88175.060	M62
U2500	Basic-B. kpl. Q25M 32"/WSRF/136V/M-EPAS	P.C.B	396-88175.060	Q62
U2500	Basic-B. kpl. Q25M 32"/WSRF/136V/D-EPAS	P.C.B	396-88175.067	A12
U2501	Sign.-B. kpl. Q25M PIP	P.C.B	396-88176.062	A12
U2501	Sign.-B. kpl. Q25M NICAM/PIP	P.C.B	396-88176.063	A62
U2501	Sign.-B. kpl. Q25M NICAM/PIP	P.C.B	396-88176.063	M52
U2501	Sign.-B. kpl. Q25M NICAM/PIP	P.C.B	396-88176.063	M62
U2501	Sign.-B. kpl. Q25M NICAM/PIP	P.C.B	396-88176.063	Q62
U3371	Bildrohrpl./SVM kpl. Q2500 16:9 (JST)	P.C.B	396-87832.062	
U8211	Modul-Bedienteil VITROS Q2500 kpl.	P.C.B	396-88227.050	
	DRUCKSACHEN	**OPERATING INSTRUCTIONS**		
500	BAN -D-I VITR/XEL Q2500	Operating Instructions	233-29804	A12
500	BAN -D-I VITR/XEL Q2500	Operating Instructions	233-29804	A62
500	BAN -D-I VITR/XEL Q2500	Operating Instructions	233-29804	M62
500	BAN -D-I VITR/XEL Q2500	Operating Instructions	233-29804	Q62
502	BAN -NL-F VITR/XEL Q2500	Operating Instructions	233-29804.010	A12
502	BAN -NL-F VITR/XEL Q2500	Operating Instructions	233-29804.010	A62
502	BAN -NL-F VITR/XEL Q2500	Operating Instructions	233-29804.010	M62
502	BAN -NL-F VITR/XEL Q2500	Operating Instructions	233-29804.010	Q62
503	BAN -GB-E VITR/XEL Q2500	Operating Instructions	233-29804020	
540	Service Kurzanleitung Q2500	Service Manual	230-29277	A12
540	Service Kurzanleitung Q2500	Service Manual	230-29277	A62
540	Service Kurzanleitung Q2500	Service Manual	230-29277	M62
540	Service Kurzanleitung Q2500	Service Manual	230-29277	Q62
540	Service Kurzanleitung Q2500	Service Manual	230-29277.001	M52
	GERÄTEBEIPACK	**Set SUPPLEMENT**		
A0640	Mikrozelle 1,5V Alkali-Mangan	Accumulator	280-13411	
U9111	IR-Fernbedienung CONTROL 150 TV arktis	Transmitter	263-87000.060	
	VERPACKUNGSMATERIAL	**PACKING MATERIAL**		
102	Schutzstreifen 1600x1250mm	Protective Packing	253-84666.022	

Vitros 6381ZW — Art.-Nr. 61426.12-62

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	VERPACKUNGSMATERIAL	**PACKING MATERIAL**		
600	Faltschachtel VITROS 81/72	Packing Case	245-88022.002	
610	Packschalen-Satz VITROS 81/72	Cushion-Set	252-88024.050	
J0501	Klarsichtbeutel 240x320 bedruckt	Protective Packing	253-16668	
J0701	Schutzstreifen 350x190mm (IR-G.)	Protective Packing	253-84666.004	
	KNÖPFE	**BUTTONS**		
320	Tastenset kpl. graphit für VITROS	Button	682-87992.050	
350	Knopf für Netzschalter VITROS hellblau	Button	682-87989.010	
	GEHÄUSETEILE	**CABINET MOUNTING**		
101	Schraube K4,0x14,0 Torx sw-vzkt.	Screw	440-27723	
103	Führungsschiene	Guide	553-87855.001	
105	Gehäusefuß schwarz	Foot	783-88016.002	
106	Stütze	Support	551-87854.011	
110	Kabelhalter schwarz	Cable Binding	530-87903.002	
112	Schraube K4,0x11,4 Torx WN1452	Screw	440-20819	
113	Schraube K4,0x14,0 Torx sw-vzkt.	Screw	440-27723	
114	Filzstreifen 0,5x5x340mm	Felt Strip	414-28825	
115	Filzstreifen	Felt Strip	414-25204	
116	Filzstreifen 10x20	Felt Strip	414-25190	
200	Distanzstück	Clutch Piece	503-24754	
201	EJOT-PT-Schraube 10,0x45 K100x45	Screw	440-19149	
230	Halter/Entmag.	Holder	602-87243.001	
307	Clamper	Cable Binding	530-20809	
310	Bedienteilträger	Supporter	541-87991.001	
710	32Z W76ERF042X044	Picture Tube	345-29618	
726	Filzstreifen	Felt Strip	414-25204	
G100	Gehäuse 32" VITROS 81 basalt	Cabinet	750-87958.005	M52
G100	Gehäuse 32" VITROS 81 basalt	Cabinet	750-87958.005	M62
G100	Gehäuse 32" VITROS 81 platin	Cabinet	750-87958.009	A12
G100	Gehäuse 32" VITROS 81 platin	Cabinet	750-87958.009	A62
G100	Gehäuse 32" VITROS 81 steelblue	Cabinet	750-87958.010	Q62
G102	Abdeckung Gehäuse 32" VITROS 81 schwarz	Mask	703-87959.002	
G110	Rückwand 32" VITROS 81 basalt	Backcover	775-87961.005	M52
G110	Rückwand 32" VITROS 81 basalt	Backcover	775-87961.005	M62
G110	Rückwand 32" VITROS 81 platin	Backcover	775-87961.009	A12
G110	Rückwand 32" VITROS 81 platin	Backcover	775-87961.009	A62
G110	Rückwand 32" VITROS 81 steelblue	Backcover	775-87961.010	Q62
G111	Zwischenstück natur	Cover	568-85727.101	A12

Vitros 6381ZW — Art.-Nr. 61426.12-62

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	GEHÄUSETEILE	**CABINET MOUNTING**		
G111	Zwischenstück natur	Cover	568-85727.101	A62
G111	Zwischenstück natur	Cover	568-85727.101	M52
G111	Zwischenstück schwarz	Cover	568-85727.102	M62
G111	Zwischenstück schwarz	Cover	568-85727.102	Q62
G112	Abdeckung Rückwand VITROS basalt	Mask	703-87962.005	M52
G112	Abdeckung Rückwand VITROS basalt	Mask	703-87962.005	M62
G112	Abdeckung Rückwand VITROS platin	Mask	703-87962.009	A12
G112	Abdeckung Rückwand VITROS platin	Mask	703-87962.009	A62
G112	Abdeckung Rückwand VITROS steelblue	Mask	703-87962.010	Q62
G350	Ziergitter VITROS 81 graphit	Speaker Grille	708-87963.002	
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	A12
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	A62
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	M62
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	Q62
H996	Abdeckung SCART Q25M	Mask	703-87728081	M52
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
800	Lautspr. Z= 4 Ohm 20W TT	Loudspeaker	272-87846	A12
800	Lautspr. Z= 4 Ohm 20W TT	Loudspeaker	272-87846	M62
800	Lautsprecher 4 Ohm 20W TT (JST)	Loudspeaker	272-88439	A62
800	Lautsprecher 4 Ohm 20W TT (JST)	Loudspeaker	272-88439	M52
800	Lautsprecher 4 Ohm 20W TT (JST)	Loudspeaker	272-88439	Q62
810	Lautspr. 4 Ohm 20W HT	Loudspeaker	272-86411	
L001	Entmagn.-Spule 32" 16:9/ 33" 4:3	Coil	297-87882.001	
L002	Spule Rotation m. Lpl. Q25 JST	Coil	297-29299	
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
305	Clamper	Cable Binding	530-21237	
H003	Silikon-Glasseidenschlauch 14,0x0,7	Insulating Tube	184-29885	M52
	BUCHSEN/FASSUNGEN	**SOCKETS**		
N470	Adapter Lautsprecheranschluß Q2500		321-29382	

Xelos 5381ZW — Art.-Nr. 61420.00-60

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
U2500	Basic-B. kpl. Q25M 32"/WSSF/136V/M	P.C.B	396-88175.062	A50
U2500	Basic-B. kpl. Q25M 32"/WSSF/136V/M	P.C.B	396-88175.062	A60
U2500	Basic-B. kpl. Q25M 32"/WSSF/136V/M	P.C.B	396-88175.062	L50

Xelos 5381ZW — Art.-Nr. 61420.00-60

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
U2500	Basic-B. kpl. Q25M 32"/WSSF/136V/M	P.C.B	396-88175.062	L60
U2500	Basic-B. kpl. Q25M 32"/WSSF/136V/D	P.C.B	396-88175.069	L00
U2501	Signal-B. kpl. Q25M	P.C.B	396-88176.060	L00
U2501	Signal-B. kpl. Q25M NICAM	P.C.B	396-88176.061	A50
U2501	Signal-B. kpl. Q25M NICAM	P.C.B	396-88176.061	A60
U2501	Signal-B. kpl. Q25M NICAM	P.C.B	396-88176.061	L50
U2501	Signal-B. kpl. Q25M NICAM	P.C.B	396-88176.061	L60
U3371	Bildrohrpl./SVM kpl. Q2500 16:9 (JST)	P.C.B	396-87832.062	
U8211	Modul-Bedienteil Q25 XELOS 61/70/81	P.C.B	396-88225.053	
	DRUCKSACHEN	**OPERATING INSTRUCTIONS**		
500	BAN -D-I VITR/XEL Q2500	Operating Instructions	233-29804	A60
500	BAN -D-I VITR/XEL Q2500	Operating Instructions	233-29804	L00
500	BAN -D-I VITR/XEL Q2500	Operating Instructions	233-29804	L60
502	BAN -NL-F VITR/XEL Q2500	Operating Instructions	233-29804.010	A60
502	BAN -NL-F VITR/XEL Q2500	Operating Instructions	233-29804.010	L00
502	BAN -NL-F VITR/XEL Q2500	Operating Instructions	233-29804.010	L60
503	BAN -GB-E VITR/XEL Q2500	Operating Instructions	233-29804.020	
540	Service Kurzanleitung Q2500	Service Manual	230-29277	
570	Rückantwortkarte LOEWE 2 D-I-GB-F-E-NL	Indicating Sheet	240-28787.001	
	GERÄTEBEIPACK	**SET SUPPLEMENT**		
A0640	Mikrozelle 1,5V Alkali-Mangan	Accumulator	280-13411	
U9111	IR-Fernbedienung Control 150 TV arktis	Transmitter	263-87000.060	
	VERPACKUNGSMATERIAL	**PACKING MATERIAL**		
600	Verpackungskarton	Packing Case	245-87406.002	
610	Packschalen-Satz 32" XELOS	Cushion-Set	252-87407.050	
611	Schutzstreifen 1600x1250mm	Protective Packing	253-84666.022	
612	Schutzstreifen	Protective Packing	253-84666.025	
J0501	Klarsichtbeutel 240x320 bedruckt	Protective Packing	253-16668	
J0701	Schutzstreifen 350x190mm(IR-G.)	Protective Packing	253-84666.004	
	VERBINDUNGSLEITUNG	**CONNECTING CABLES**		
N003	Netzkabel Dr. 2250mm 0,75 sw JST	Power Cord	170-29158.001	
	KNÖPFE	**BUTTONS**		
310	Knopf/Netzschalter	Button	682-87103.001	
G330	Knopf/Taster grau	Button	682-87138.001	A50
G330	Knopf/Taster grau	Button	682-87138.001	A60
G330	Knopf/Taster schwarz	Button	682-87138.002	L00
G330	Knopf/Taster schwarz	Button	682-87138.002	L50

Xelos 5381ZW — Art.-Nr. 61420.00-60

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	KNÖPFE	**BUTTONS**		
G330	Knopf/Taster schwarz	Button	682-87138.002	L60
	GEHÄUSETEILE	**CABINET MOUNTING**		
112	Schraube 40x20 Torx WN1451	Screw	440-25382	
200	Distanzstück	Clutch Piece	503-24754	
201	EJOT-PT-Schraube 10,0x45 K100x45	Screw	440-19149	
230	Halter/Entmag.	Holder	602-87243.001	
710	32Z W76ESF031X44	Picture Tube	345-26377	
G100	584 32" Gehäuse sw. vormont.	Cabinet	750-87399.050	L00
G100	32" Gehäuse platin MM vorm.	Cabinet	750-87399.054	A60
G100	32" Gehäuse schwarz vorm. Q2500	Cabinet	750-87399.056	L50
G100	32" Gehäuse schwarz vorm. Q2500	Cabinet	750-87399.056	L60
G100	32" Gehäuse platin vorm. Q2500	Cabinet	750-87399.057	A50
G101	Zwischenstück natur	Cover	568-85727.101	A50
G101	Zwischenstück natur	Cover	568-85727.101	A60
G101	Zwischenstück natur	Cover	568-85727.101	L60
G101	Zwischenstück schwarz	Cover	568-85727.102	L00
G101	Zwischenstück schwarz	Cover	568-85727.102	L50
G110	Rückwand platin 32"	Backcover	775-87401.019	A50
G110	Rückwand platin 32"	Backcover	775-87401.019	A60
G110	Rückwand schwarz 32"	Backcover	775-87401.112	L00
G110	Rückwand schwarz 32"	Backcover	775-87401.112	L50
G110	Rückwand schwarz 32"	Backcover	775-87401.112	L60
G111	Zwischenstück natur	Cover	568-85727.101	A50
G111	Zwischenstück natur	Cover	568-85727.101	A60
G111	Zwischenstück natur	Cover	568-85727.101	L60
G111	Zwischenstück schwarz	Cover	568-85727.102	L00
G111	Zwischenstück schwarz	Cover	568-85727.102	L50
G112	Abdeckung / Rückwand schwarz	Mask	703-87403.002	L00
G112	Abdeckung / Rückwand schwarz	Mask	703-87403.002	L50
G112	Abdeckung / Rückwand schwarz	Mask	703-87403.002	L60
G112	Abdeckung/Rückwand platin	Mask	703-87403.009	A50
G112	Abdeckung/Rückwand platin	Mask	703-87403.009	A60
G331	Fenster	Window	666-87139.001	
H995	Schraube K4,0x14,0 Torx sw-vzkt.	Screw	440-27723	
	GEHÄUSETEILE	**CABINET MOUNTING**		
H996	Abdeckung SCART Q25M/H	Mask	703-87728.001	

Xelos 5381ZW — Art.-Nr. 61420.00-60

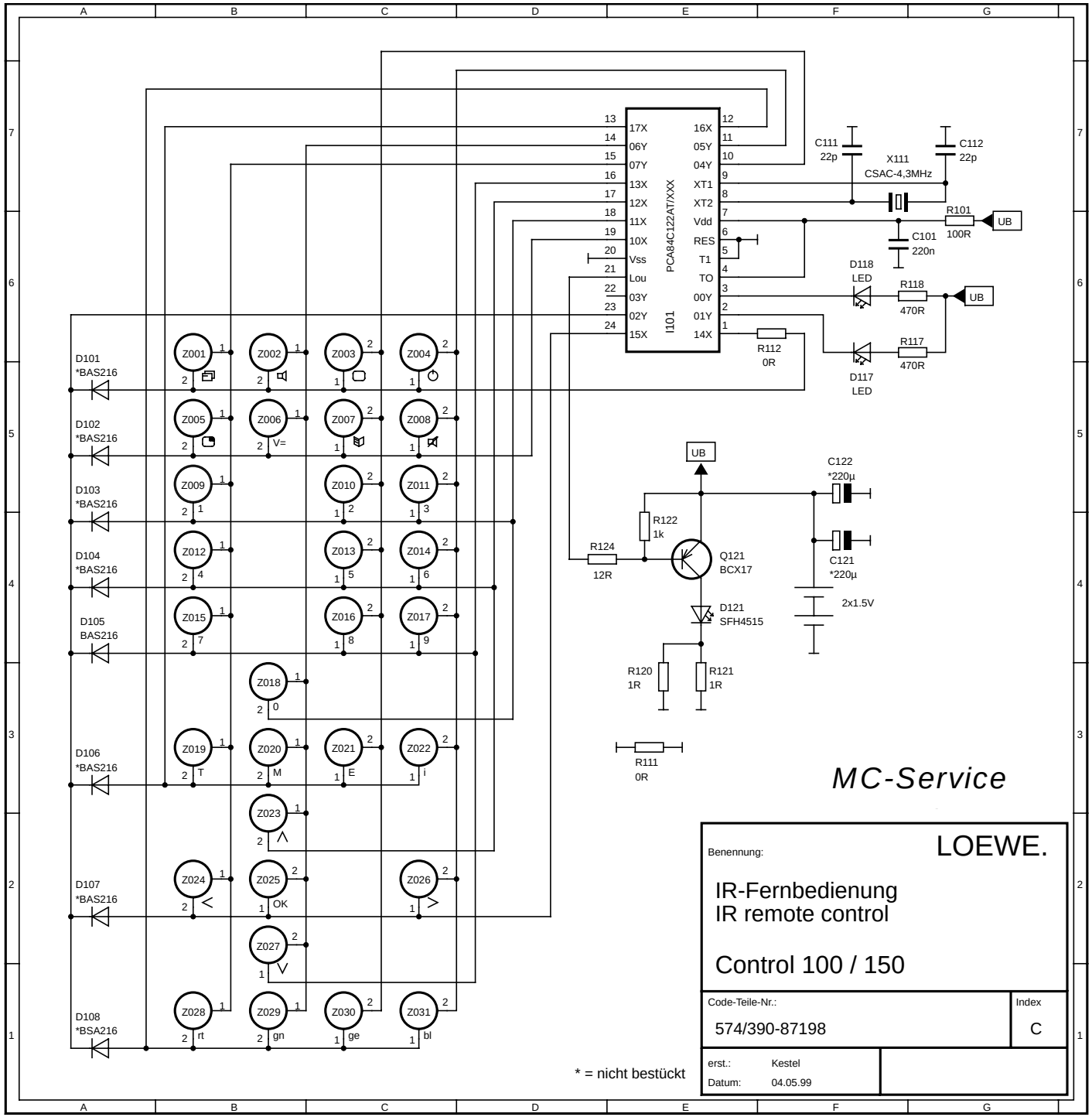
Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
L001	Entmagn.-Spule 32" 16:9/ 33" 4:3	Coil	297-87882.001	
L002	Spule Rotation m. Lpl. Q25 JST	Coil	297-29299	
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
192	Clamper	Cable Binding	530-21237	
H003	Silikon-Glasseidenschlauch 14,0x0,7	Insulating Tube	184-29885	A50
H003	Silikon-Glasseidenschlauch 14,0x0,7	Insulating Tube	184-29885	L50
	BUCHSEN/FASSUNGEN	**SOCKETS**		
N470	Adapter Lautsprecheranschluß Q2500	Plug	321-29382	

Aventos 3981ZW — Art.-Nr. 62405.12

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
U2500	Basic-B. kpl. Q25M 32"/WSRF/136V/D-EPAS	P.C.B	396-88175.067	
U2501	Signal-B. kpl. Q25M PIP	P.C.B	396-88176.062	
U3371	Bildrohrpl./SVM kpl. Q2500 16:9 (JST)	P.C.B	396-87832.062	
U8211	Modul-Bedienteil Q2500 AVENTOS	P.C.B	396-88226.052	
	DRUCKSACHEN	**OPERATING INSTRUCTIONS**		
500	BAN -D-I VITR/XEL Q2500	Operating Instructions	233-29804	
502	BAN -NL-F VITR/XEL Q2500	Operating Instructions	233-29804.010	
503	BAN -GB-E VITR/XEL Q2500	Operating Instructions	233-29804.020	
540	Service Kurzanleitung Q2500	Service Manual	230-29277.001	
	GERÄTEBEIPACK	**SET SUPPLEMENT**		
A0640	Mikrozelle 1,5V Alkali-Mangan	Accumulator	280-13411	
U9111	IR-Fernbedienung Control 150 TV arktis	Transmitter	263-87000.060	
	VERPACKUNGSMATERIAL	**PACKING MATERIAL**		
102	Schutzstreifen 1600x1250mm	Protective Packing	253-84666.022	
600	Schachtel AVENTOS 81	Packing Case	245-88531.002	
610	Verpackungsformteil AVENTOS 81	Cushion-Set	252-88532.050	
J0501	Klarsichtbeutel 240x320 bedruckt	Protective Packing	253-16668	
J0701	Schutzstreifen 350x190mm(IR-G.)	Protective Packing	253-84666.004	
	KNÖPFE	**BUTTONS**		
G320	Tastenset für Servicefunktionen graphit	Button	682-87685.204	L12
G320	Tastenset für Servicefunktionen platin	Button	682-87685.209	A12
G330	Knopf graphit AVENTOS 81	Button	682-88528.004	L12
G330	Knopf platin AVENTOS 81	Button	682-88528.009	A12

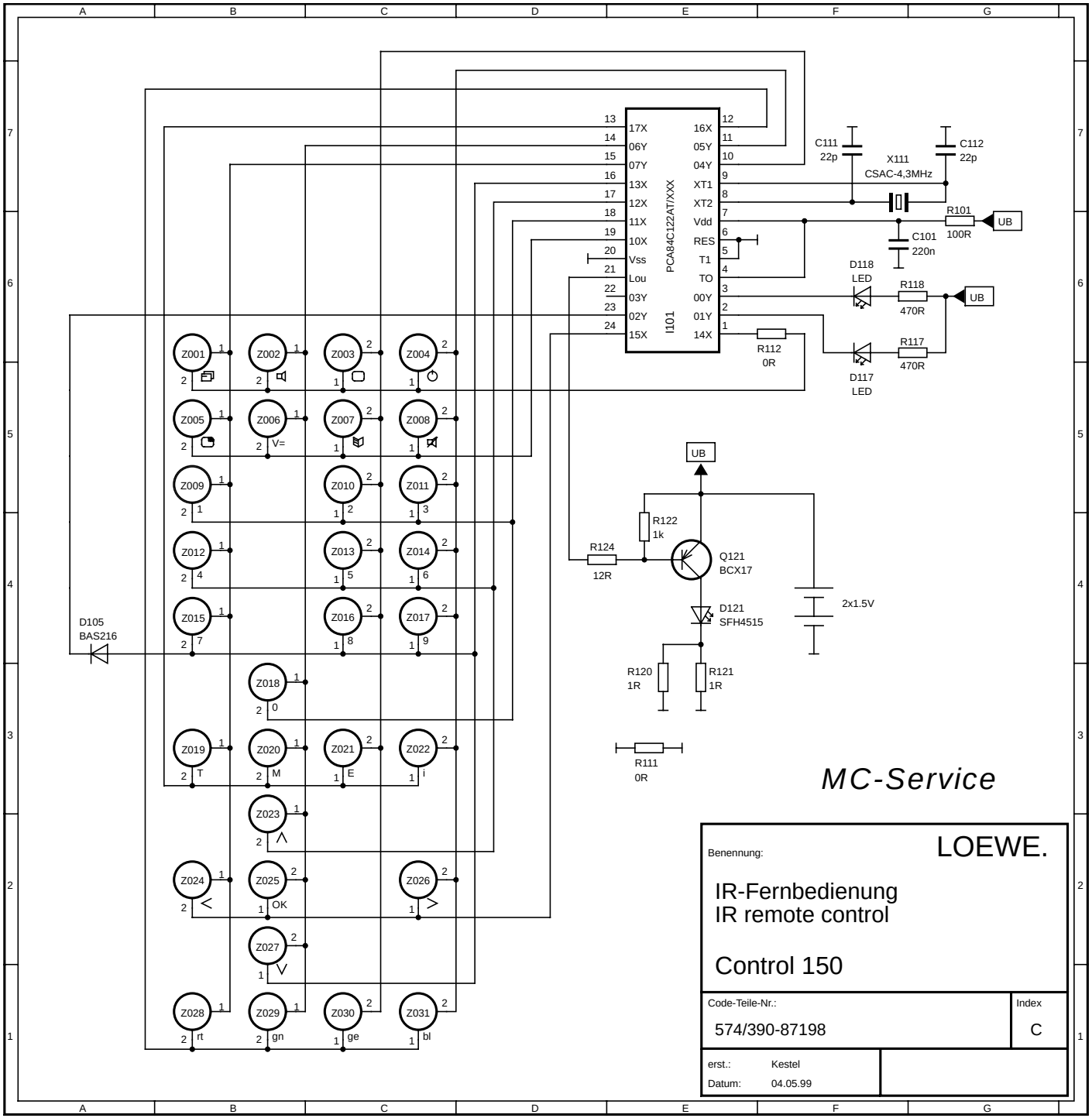
Aventos 3981ZW — Art.-Nr. 62405.12

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	GEHÄUSETEILE	**CABINET MOUNTING**		
101	Schraube K4,0x14,0 Torx sw-vzkt.	Screw	440-27723	
103	Führungsschiene	Guide	553-87855.001	
106	Stütze AVENTOS 81 / YOUNG&SMART 81	Support	551-87854.061	
110	Kabelhalter schwarz	Cable Binding	530-87903.002	
113	Schraube K4,0x14,0 Torx sw-vzkt.	Screw	440-27723	
200	Distanzstück	Clutch Piece	503-24754	
201	EJOT-PT-Schraube 10,0x45 K100x45	Screw	440-19149	
230	Halter/Entmag.	Holder	602-87243.001	
301	EJOT-PT-Schraube KL11,5x40	Screw	440-29047	
307	Clamper	Cable Binding	530-20809	
331	IR-Fenster AVENTOS 81	Window	666-88527.001	
710	32Z W76ERF042X044	Picture Tube	345-29618	
G100	Gehäuse graphit kpl. AVENTOS 81	Cabinet	750-88522.004	L12
G100	Gehäuse platin kpl. AVENTOS 81	Cabinet	750-88522.009	A12
G101	Zwischenstück schwarz	Damping Rubber	406-88504.001	
G105	Gehäusefuß farblos	Foot	783-88016.001	A12
G105	Gehäusefuß schwarz	Foot	783-88016.002	L12
G110	Rückwand graphit AVENTOS 81	Backcover	775-88523.004	L12
G110	Rückwand platin AVENTOS 81	Backcover	775-88523.009	A12
G111	Zwischenstück natur	Cover	568-85727.101	
H996	Abdeckung SCART Q25M	Mask	703-87728.081	
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
800	Lautsprecher 8 Ohm 16W TT (JST)	Loudspeaker	272-88437	
L001	Entmagn.-Spule 32" 16:9/ 33" 4:3	Coil	297-87882.001	
L002	Spule Rotation m. Lpl. Q25 JST	Coil	297-29299	
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
305	Clamper	Cable Binding	530-21237	
	BUCHSEN/FASSUNGEN	**SOCKETS**		
N470	Adapter Lautsprecheranschluß Q2500	Plug	321-29382	



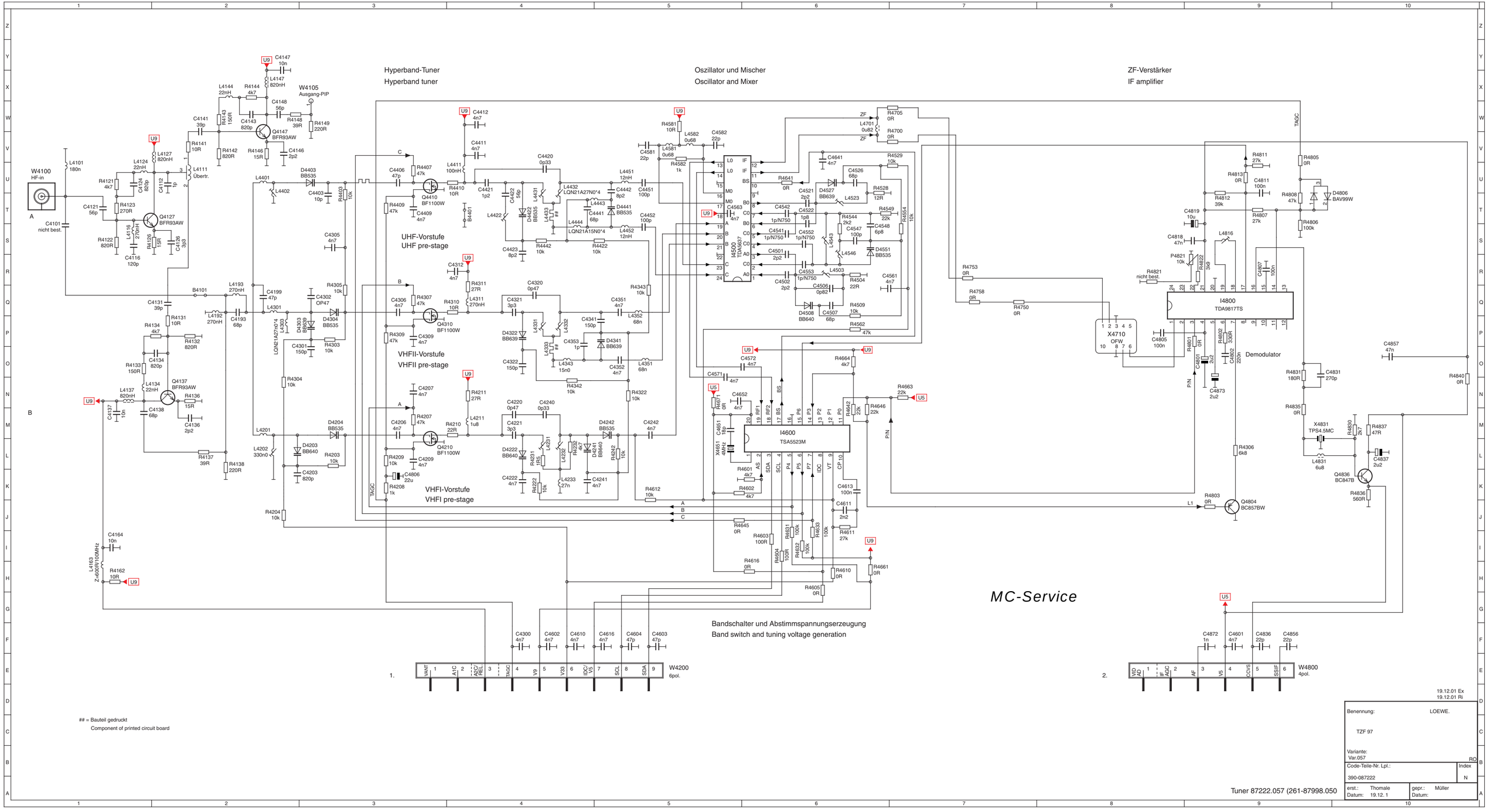
Schaltplan IR-Fernbedienung 396-87000.052

Infrared remote control schematic 396-87000.052



Schaltplan IR-Fernbedienung 396-87000.060

Infrared remote control schematic 396-87000.060


Hyperband-Tuner
Hyperband tuner
Oszillator und Mischer
Oscillator and Mixer
ZF-Verstärker
IF amplifier
UHF-Vorstufe
UHF pre-stage
VHFII-Vorstufe
VHFII pre-stage
VHFI-Vorstufe
VHFI pre-stage
Demodulator
MC-Service
Bandschalter und Abstimmspannungserzeugung
Band switch and tuning voltage generation
W4100
HF-in
W4105
Ausgang-PIP
W4200
6pol.
W4800
4pol.
I4500
TDA5637
I4600
TSA5523M
I4800
TDA9817TS
X4710
OFW
X4831
TPS4.5MC
Q4127
BFR93AW
Q4137
BFR93AW
Q4147
BFR93AW
Q4410
BF1100W
Q4310
BF1100W
Q4210
BF1100W
Q4804
BC857BW
Q4836
BC847B
D4806
BAV99W
1.
2.
= Bauteil gedruckt
Component of printed circuit board
19.12.01 Ex
19.12.01 Ri
Benennung:
LOEWE.
TZF 97
Variante:
Var.057
RO
Code-Teile-Nr. Lpl.:
390-087222
Index
N
erst.: Thomale
Datum: 19.12. 1
gepr.: Müller
Datum:
Tuner 87222.057 (261-87998.050

Hyperband-Tuner

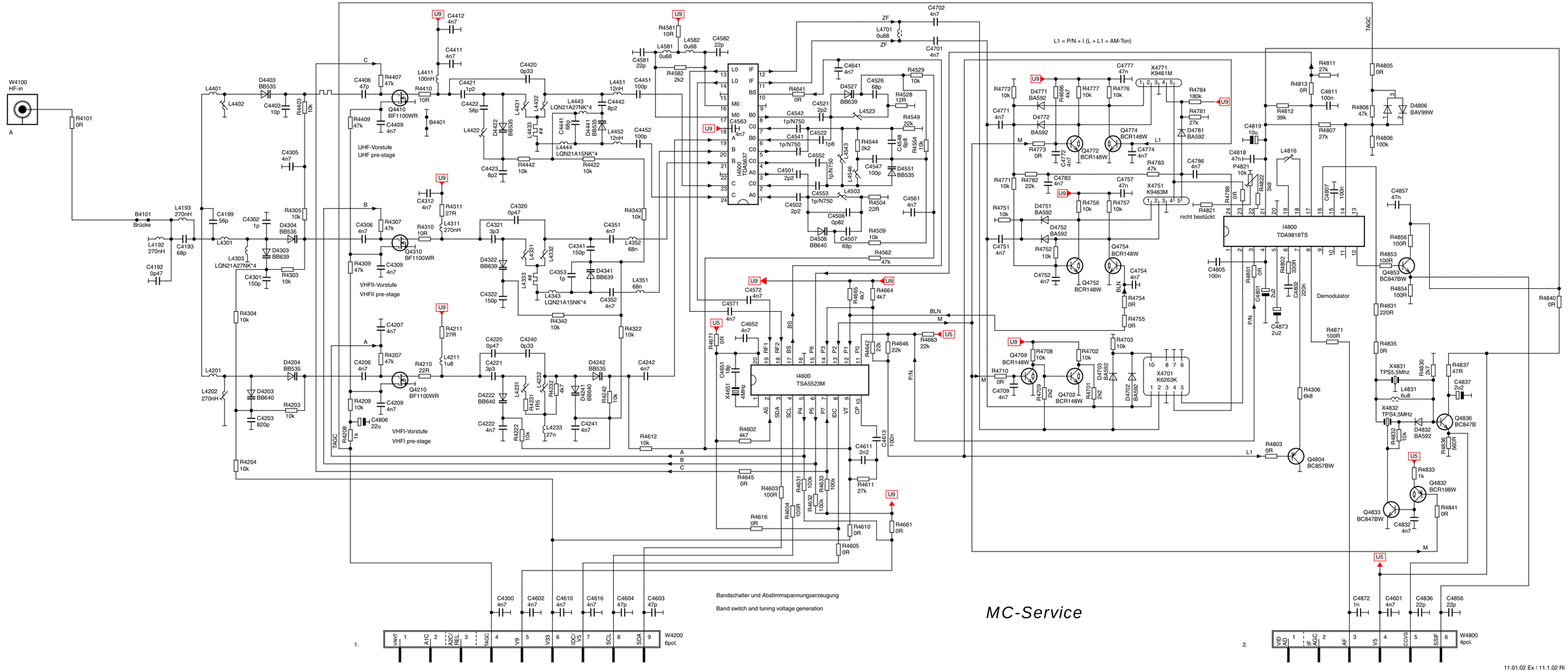
Hyperband tuner

Oszillator und Mischer

Oscillator and Mixer

ZF-Verstärker

IF amplifier



= Bauteil gedruckt

Component of printed circuit board

11.01.02 Ex / 11.1.02 Ri

Benennung:	LOEWE.
TZF 97	
Variante: 058 (260-87271.051)	RQ
Code-Teile-Nr. Lpl.: 390-087222	Index N
erst.: Thomale Datum: 11.01. 2	gepr.: Müller Datum:

MC-Service

U100 BS2W7VG2002
W100 DVB-I/Q-out
W120 DVB-Control
W260 Chassis
W390 BB-Netzteil
W680 Main-Chas.
W760 PIP-Signalboard
W770 PIP-Chassis
L390 CM05RB02
I700 STV0056
I300 LM2574M-ADJ
I150 MAX4546
I450A LM358
I450 LM358
I800 LM2574M-ADJ
I900 TDA6151-5X
I400 TDA5523M
I320 LM2903
I360 SAA1300
I860 SAA1300
L726 H316LQOS3617QCD
L920 H316LQOS3617QCD
U700 SF1218K
Q103 SI2302DS
Q104 SI2302DS
Q121 BC847BW
Q712 BF799
Q553 BC847BW
Q723 BC857BW
Q679 BC857BW
Q752 BC847B
Q757 BC847BW
Q658 BC857BW
Q952 BC857BW
Q107 BC847BW
Q108 BCR148W
Q109 BCR148W
Q316 BCR148W
Q318 BC847BW
Q352 BC847BW
Q354 BC847BW
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Q364 BCR148W
Q367 BCR148W
Q392 BCR148W
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Q393 BC847BW
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Q818 BC847BW
Q866 BCR148W
Q864 BCR148W
Q867 BCR148W
Q842 BC847BW
Q840 BC847BW
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Q854 BC847BW
Q976 BC847B
Q969 BCR198
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D303 D1F60
D301 STPS340U
D381 LL4148
D838 C5V6
D801 STPU340U
D881 LL4148
D948 LL4148
X789 4,0MHz
L304 270µ
L302 22µ
L301 680µ
L804 270µ
L802 22µ
L801 680µ
L716 5µ6
L717 5µ6
L794 47µ
L791 47µ
L964 47µ
L961 22µ
L557 47µ
L556 5µ6
L559 5µ6
L558 22µ
L251 47µ
L250 6µ8
C307 1n
C101 100n
C102 100n
C104 100n
C121 4n7
C257 100n
C704 47µ
C709 100n
C713 47µ
C714 22p
C717 47p
C718 100n
C716 22p
C719 47µ
C782 470µ
C783 100n
C561 10n
C559 100p
C556 100p
C645 100n
C721 8n2
C682 100p
C687 100p
C688 470R
C683 470R
C681 47µ
C686 47µ
C761 470µ
C772 220n
C771 75R
C773 220n
C774 220n
C679 390p
C676 1n8
C674 220n
C678 10k
C677 10k
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C970 100n
C971 100n
C972 100n
C973 100n
C974 100n
C975 100n
C976 100n
C977 100n
C978 100n
C979 100n
C980 100n
C981 100n
C982 100n
C983 100n
C984 100n
C985 100n
C986 100n
C987 100n
C988 100n
C989 100n
C990 100n
C991 100n
C992 100n
C993 100n
C994 100n
C995 100n
C996 100n
C997 100n
C998 100n
C999 100n
C1000 100n
R307 1k5
R460 0R
R574 0R
R101 0R
R283 0R
R269 0R
R268 0R
R285 0R
R114 0R
R113 0R
R111 220k
R112 220k
R106 10k
R122 330R
R121 0R
R210 0R
R208 0R
R207 0R
R206 0R
R304 15R
R303 10µ
R306 10µ
R305 10µ
R307 10µ
R308 10µ
R309 10µ
R310 10µ
R311 270k
R312 18k
R313 18k
R314 1k2
R315 10µ
R316 470R
R317 0R
R318 22k
R319 180k
R320 10µ
R321 6k8
R322 100k
R323 6k8
R324 100k
R325 0R
R326 68k
R327 1M
R328 150k
R329 0R
R330 0R
R331 6k8
R332 100R
R333 100k
R334 10k
R335 10µ
R336 39k
R337 15k
R338 82k
R339 150k
R340 6k8
R341 10µ
R342 10µ
R343 10µ
R344 10µ
R345 10k
R346 10µ
R347 10µ
R348 10µ
R349 10µ
R350 27k
R351 0R
R352 10µ
R353 8k2
R354 1k5
R355 10µ
R356 3k3
R357 47k
R358 10µ
R359 8k2
R360 10µ
R361 0R
R362 0R
R363 0R
R364 10µ
R365 10µ
R366 10µ
R367 0R
R368 0R
R369 0R
R370 10µ
R371 10µ
R372 10µ
R373 10µ
R374 10µ
R375 0R
R376 10µ
R377 10µ
R378 10µ
R379 0R
R380 0R
R381 4k7
R382 100k
R383 0R
R384 0R
R385 10µ
R386 0R
R387 0R
R388 10µ
R389 0R
R390 10µ
R391 0R
R392 0R
R393 33R
R394 100k
R395 10µ
R396 22k
R397 120R
R398 150R
R399 10µ
R400 10µ
R401 10µ
R402 10µ
R403 0R
R404 150R
R405 10µ
R406 150R
R407 10µ
R408 10µ
R409 10µ
R410 10µ
R411 4k7
R412 4k7
R413 4k7
R414 100k
R415 10µ
R416 220k
R417 470k
R418 33k
R419 100k
R420 10µ
R421 10k
R422 4k7
R423 0R
R424 10µ
R425 10µ
R426 0R
R427 4k7
R428 2k2
R429 2k2
R430 10µ
R431 0R
R432 0R
R433 0R
R434 0R
R435 10µ
R436 10µ
R437 10µ
R438 10µ
R439 10µ
R440 10µ
R441 10µ
R442 10µ
R443 10µ
R444 10µ
R445 10µ
R446 10µ
R447 10µ
R448 10µ
R449 10µ
R450 10µ
R451 10µ
R452 0R
R453 10µ
R454 10µ
R455 10µ
R456 10µ
R457 10µ
R458 10µ
R459 10µ
R460 10µ
R461 270k
R462 270k
R463 220k
R464 150k
R465 10µ
R466 1k5
R467 2k2
R468 220k
R469 220k
R470 10µ
R471 10k
R472 100k
R473 0R
R474 0R
R475 10µ
R476 47R
R477 10µ
R478 10µ
R479 10µ
R480 10µ
R481 10µ
R482 10µ
R483 10µ
R484 10µ
R485 10µ
R486 10µ
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R541 10µ
R542 10µ
R543 10µ
R544 10µ
R545 10µ
R546 10µ
R547 10µ
R548 10µ
R549 10µ
R550 10µ
R551 270R
R552 100R
R553 10µ
R554 470R
R555 10µ
R556 10µ
R557 10µ
R558 0R
R559 1k
R560 10µ
R561 10µ
R562 10µ
R563 10µ
R564 10µ
R565 10µ
R566 10µ
R567 10µ
R568 10µ
R569 10µ
R570 10µ
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R593 10µ
R594 10µ
R595 10µ
R596 10µ
R597 10µ
R598 10µ
R599 10µ
R600 10µ
R601 10µ
R602 4k7
R603 10µ
R604 56k
R605 10µ
R606 36k
R607 10µ
R608 10µ
R609 4k7
R610 10µ
R611 10µ
R612 82k
R613 10µ
R614 10µ
R615 10µ
R616 10µ
R617 10µ
R618 180k
R619 27k
R620 10µ
R621 10µ
R622 82k
R623 10µ
R624 10µ
R625 10µ
R626 10µ
R627 10µ
R628 10µ
R629 180k
R630 10µ
R631 27k
R632 10µ
R633 10µ
R634 10µ
R635 10µ
R636 10µ
R637 560k
R638 560k
R639 10µ
R640 10µ
R641 10µ
R642 10µ
R643 10µ
R644 47k 1%
R645 10µ
R646 560k
R647 10µ
R648 560k
R649 10µ
R650 10µ
R651 10k
R652 24k
R653 10µ
R654 10µ
R655 10µ
R656 10k
R657 10k
R658 10µ
R659 10µ
R660 10µ
R661 1M2
R662 43k
R663 10µ
R664 10µ
R665 10µ
R666 10µ
R667 43k
R668 1M2
R669 10µ
R670 10µ
R671 0R
R672 10k
R673 24k
R674 10µ
R675 10µ
R676 10µ
R677 10k
R678 10k
R679 10µ
R680 10µ
R681 10µ
R682 10µ
R683 470R
R684 10µ
R685 10µ
R686 10µ
R687 10µ
R688 470R
R689 10µ
R690 10µ
R691 10µ
R692 10µ
R693 10µ
R694 10µ
R695 10µ
R696 10µ
R697 10µ
R698 10µ
R699 10µ
R700 10µ
R701 75R
R702 75R
R703 10µ
R704 10µ
R705 10µ
R706 0R
R707 1k5
R708 4k7
R709 10µ
R710 10µ
R711 560R
R712 10µ
R713 100R
R714 0R
R715 0R
R716 3k3
R717 560R
R718 10µ
R719 10µ
R720 10µ
R721 10µ
R722 1k
R723 10µ
R724 1k
R725 10µ
R726 10µ
R727 1k
R728 15p
R729 5k6
R730 10µ
R731 82p
R732 10µ
R733 1k5
R734 22k
R735 10µ
R736 10µ
R737 10µ
R738 10µ
R739 10µ
R740 10µ
R741 10µ
R742 10µ
R743 10µ
R744 10µ
R745 10µ
R746 10µ
R747 10µ
R748 10µ
R749 10µ
R750 10µ
R751 100R
R752 10µ
R753 1k
R754 75R
R755 470R
R756 100R
R757 10µ
R758 75R
R759 470R
R760 470R
R761 10µ
R762 10R
R763 10µ
R764 10µ
R765 10µ
R766 10µ
R767 10µ
R768 10µ
R769 10µ
R770 10µ
R771 75R
R772 75R
R773 10µ
R774 0R
R775 120R
R776 47R
R777 10µ
R778 10µ
R779 10µ
R780 10µ
R781 0R
R782 470µ
R783 10µ
R784 10µ
R785 10µ
R786 0R
R787 10µ
R788 10µ
R789 10µ
R790 10µ
R791 0R
R792 10µ
R793 10µ
R794 10µ
R795 10µ
R796 10µ
R797 0R
R798 10µ
R799 10µ
R800 10µ
R801 1R
R802 10µ
R803 10µ
R804 15R
R805 10µ
R806 0R
R807 1k5
R808 10µ
R809 10µ
R810 10µ
R811 270k
R812 18k
R813 18k
R814 1k2
R815 10µ
R816 470R
R817 0R
R818 180k
R819 22k
R820 10µ
R821 6k8
R822 100k
R823 6k8
R824 100k
R825 10µ
R826 68k
R827 150k
R828 1M
R829 10µ
R830 10µ
R831 6k8
R832 100R
R833 100k
R834 10k
R835 10µ
R836 39k
R837 15k
R838 10µ
R839 150k
R840 6k8
R841 0R
R842 33R
R843 100k
R844 22k
R845 10k
R846 120R
R847 150R
R848 10µ
R849 10µ
R850 27k
R851 0R
R852 10µ
R853 8k2
R854 1k5
R855 10µ
R856 3k3
R857 47k
R858 8k2
R859 0R
R860 10µ
R861 10µ
R862 10µ
R863 0R
R864 10µ
R865 10µ
R866 10µ
R867 10µ
R868 10µ
R869 10µ
R870 10µ
R871 10µ
R872 10µ
R873 10µ
R874 10µ
R875 0R
R876 10µ
R877 10µ
R878 10µ
R879 10µ
R880 0R
R881 4k7
R882 100k
R883 0R
R884 10µ
R885 10µ
R886 10µ
R887 10µ
R888 10µ
R889 10µ
R890 10µ
R891 10µ
R892 10µ
R893 10µ
R894 10µ
R895 10µ
R896 10µ
R897 10µ
R898 10µ
R899 10µ
R900 10k
R901 75R
R902 75R
R903 560R
R904 10µ
R905 10k
R906 10µ
R907 10µ
R908 10µ
R909 10µ
R910 10µ
R911 820R
R912 200R
R913 1k
R914 1k
R915 100R
R916 1k
R917 10µ
R918 10µ
R919 10µ
R920 22k
R921 10µ
R922 10µ
R923 10µ
R924 10µ
R925 10µ
R926 10µ
R927 1k
R928 10µ
R929 10µ
R930 10µ
R931 2k2
R932 10µ
R933 10µ
R934 560R
R935 10µ
R936 1k5
R937 1k
R938 0R
R939 10µ
R940 10µ
R941 470R
R942 560R
R943 1k8
R944 1k
R945 1k8
R946 6k8k
R947 12k
R948 6k8
R949 0R
R950 0R
R951 1k
R952 4M7
R953 10R
R954 1k
R955 10µ
R956 3k3
R957 10k
R958 10µ
R959 10µ
R960 10µ
R961 22µ
R962 220R
R963 12p
R964 1k
R965 10µ
R966 27k
R967 47k
R968 100R
R969 1k
R970 10µ
R971 1k
R972 1k
R973 100R
R974 100R
R975 0R
R976 47R
R977 470R
R978 0R
R979 0R
R980 0R
R981 10µ
R982 10µ
R983 10µ
R984 10µ
R985 10µ
R986 10µ
R987 10µ
R988 10µ
R989 10µ
R990 10µ
R991 10µ
R992 10µ
R993 10µ
R994 10µ
R995 10µ
R996 10µ
R997 10µ
R998 10µ
R999 10µ
R1000 10µ

U12 U5 U33 U16 U26 U12a

SCL-DVD SDA-DVB DISEQC SCL2-SAT SDA-SAT SCL2 SDA AFT1 AFT2 DISEqC

I/O-Port analog/DVB

B143 B144 B146 B147 B148 B149 B151 B152 B153 B154
B131 B132 B133 B134 B136 B137 B138 B139 B141 B142 B156

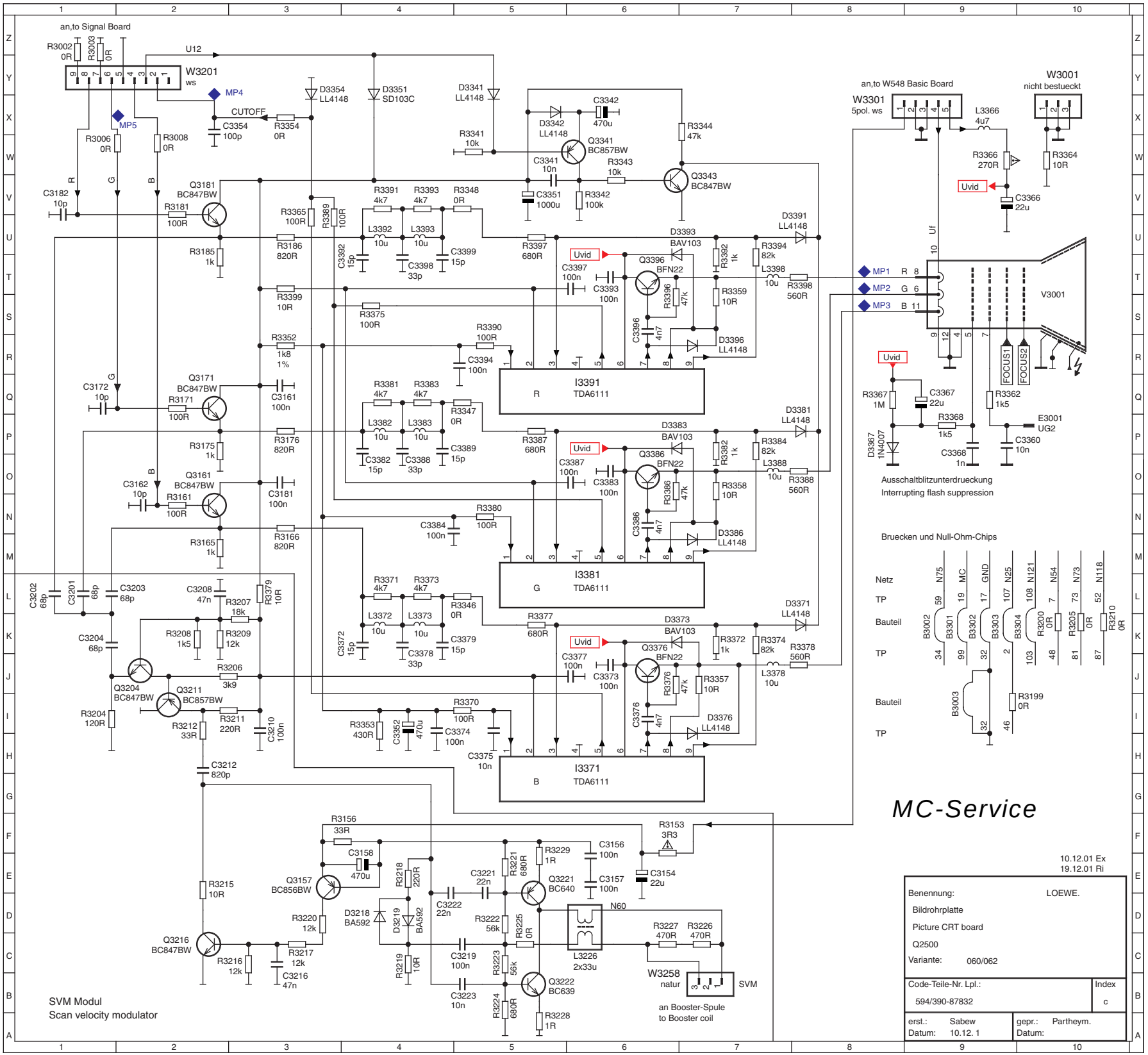
R100 4k7 M64 M68

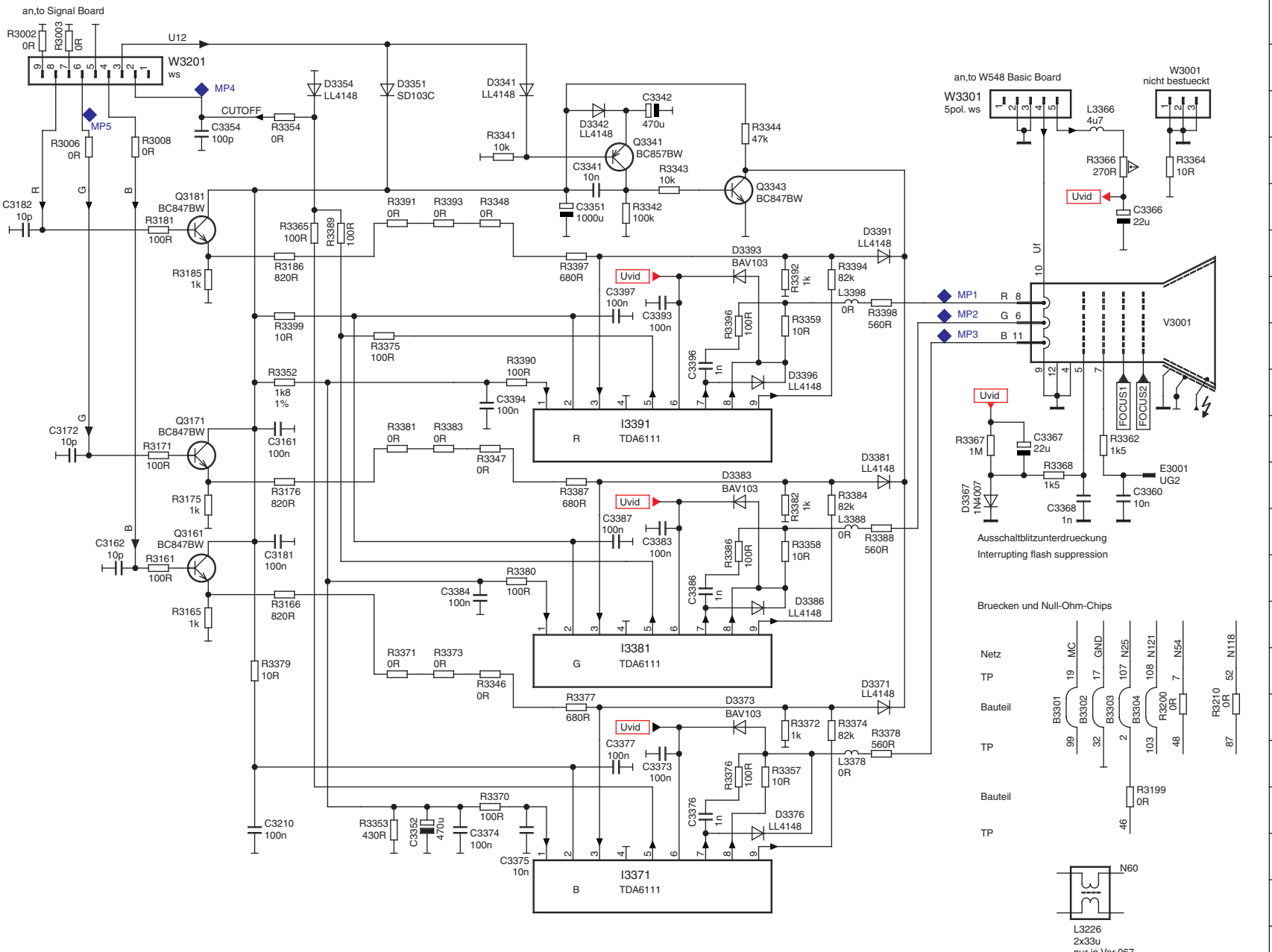
16.10.00 Ex

Benennung: LOEWE.
SAT-6-Modul
Main analog + digital / Twin analog

Code-Teile-Nr.: 594/390-87699.050
Index .E

erst.: Thomale Datum: 5.11.98
gepr.: Thomale Datum: 5.11.98


an,to Signal Board
W3201
ws
U12
MP4
MP5
CUTOFF
I3391
R
TDA6111
I3381
G
TDA6111
I3371
B
TDA6111
an,to W548 Basic Board
W3301
5pol. ws
W3001
nicht bestueckt
V3001
MP1 R
MP2 G
MP3 B
FOCUS1
FOCUS2
Uvid
Ausschaltblitzunterdrueckung
Interrupting flash suppression
Bruecken und Null-Ohm-Chips
Netz
TP
Bauteil
SVM Modul
Scan velocity modulator
W3258
natur
SVM
an Booster-Spule
to Booster coil
N60
L3226
2x33u
MC-Service
10.12.01 Ex
19.12.01 Ri
Benennung: LOEWE.
Bildrohrplatte
Picture CRT board
Q2500
Variante: 060/062
Code-Teile-Nr. Lpl.: 594/390-87832
Index c
erst.: Sabew Datum: 10.12. 1
gepr.: Partheym. Datum:

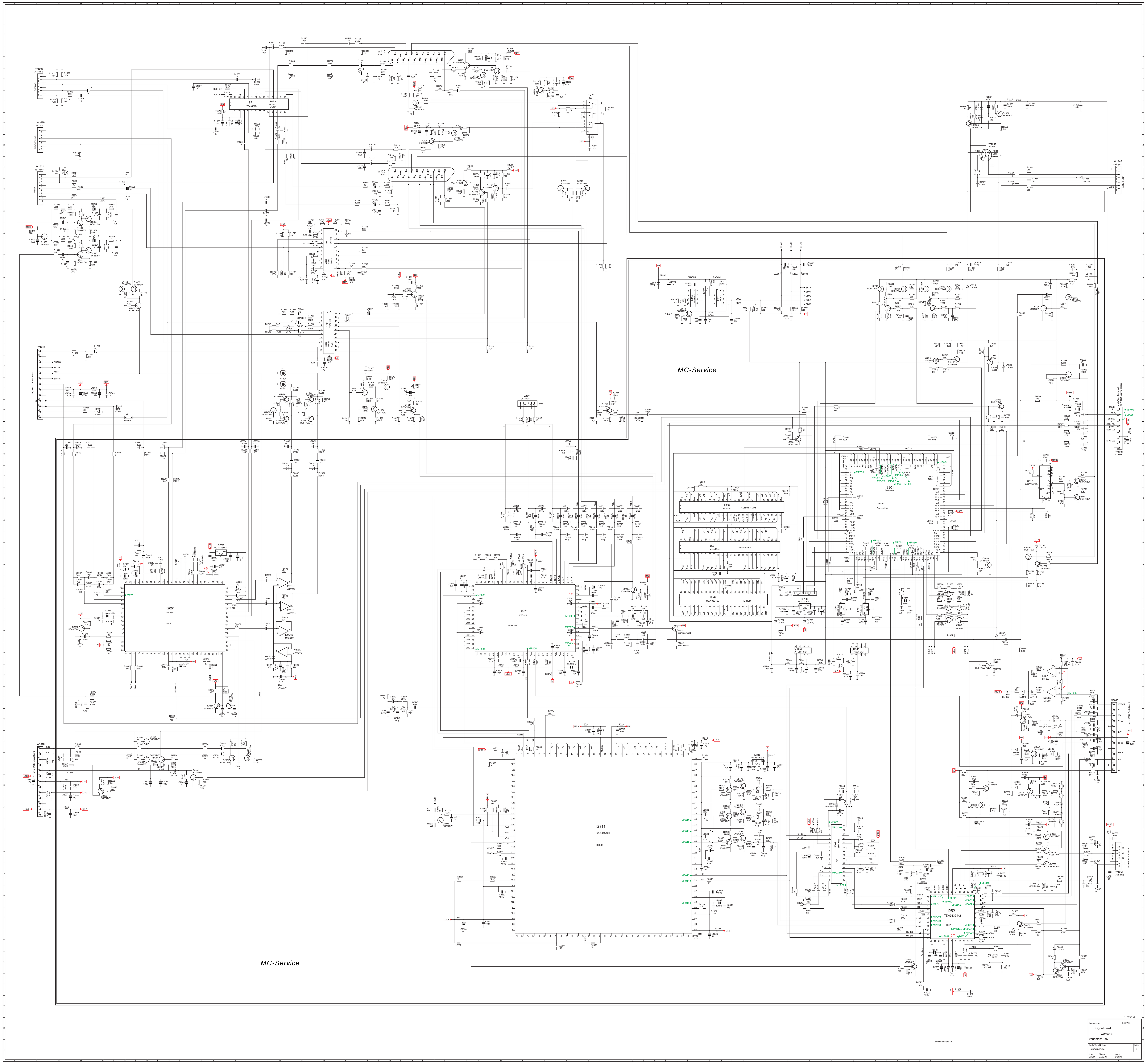


MC-Service

10.12.01 Ex
19.12.01 Ri

Benennung:	LOEWE.
Bildrohrplatte	
Picture CRT board	
Q2500	
Variante:	063/067
Code-Teile-Nr. Lpl.:	Index
594/390-87832	c
erst.: Sabew	gepr.: Partheymuell.
Datum: 10.12. 1	Datum:

SVM Modul
Scan velocity modulator



Oscillograms

MC-Service

MC-Service

Benennung:	LOEWE.
	Signalboard
	Q2500-B
Varianten:	09x
Code-Teile-Nr. Lpt.:	Index
614.091-88175	B
erst. Datum: 27.08.01	Service:
gepr. Datum:	

11.10.01 Ek

Plotsetup Index "b"

MC-Service

I7051
STi5500

DEMULTIPLEXER
CONTROLLER
VIDEO/AUDIO-DECODER

I7721
STV 299B

A/D-Wandler
Demodulator
Forward-Error-
Correction

I7577
4053

Benennung:	LOEWE.
Q2500 DVB1-Free-TV- DECODER	
Code-Teile-Nr.: 88223.050	Index C
erst.: Simon Datum: 10.12. 1	gepr.: Peetz Datum:

10.12.01 Ex

= GND-ESD
= GND-KH
= GND-DIG
= GND-CHASS

Geräte-Potential (erdfrei)
Set potential (off ground)

Netzspannungs-Potential
Supply voltage potential

stand by-Netzteil

Basic Board

an,to W611
Basic Board

an,to W2521
Signal Board

an,to W2081
Signal Board

W8351
Kombibuchse

W8321
S/VHS R

W8311
S/VHS L

W8341
Video

W8331
S/VHS C/Y

W8461
Kopfhörer
Headphone

W8521
nat.

W8316

W8315

W8214

Gitter

GND-KH

T8101

D8133
B40C800

F8133
T630mAT

W8611
kont
sw

S8101

W8103
ge

230V/AC

I8131
Viper 12

I8122
QP70

I8123
TL 431

L8101

W8104
nat

W8181
sw

W8204
nat

W8205

IR-Empfänger
Infrared receiver

I8216
TSOP-1136SF1

N8210

W8212

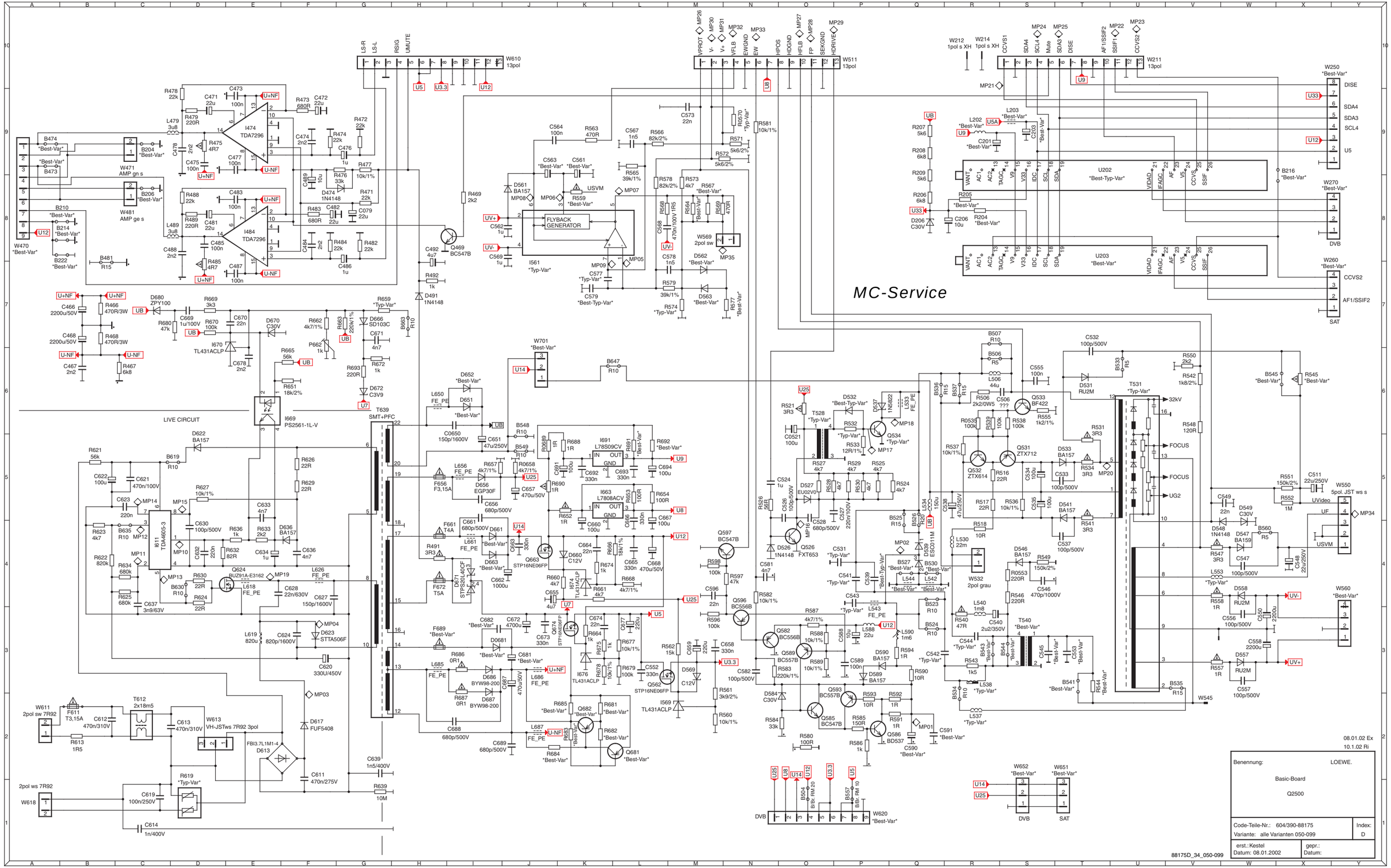
U5SB
RSIG
SB
ONOFF
UEB
U12
Ta

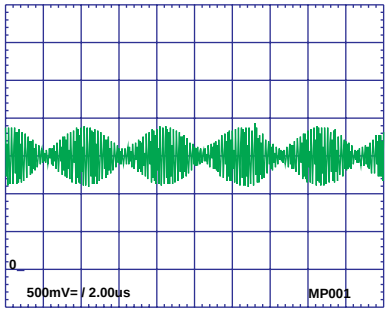
MP01
MP02
MP03
MP04

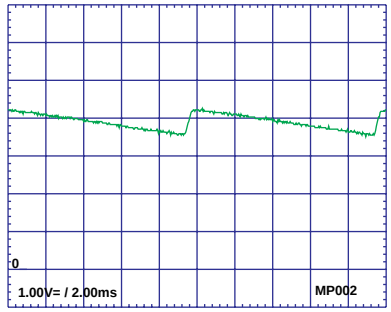
MC-Service

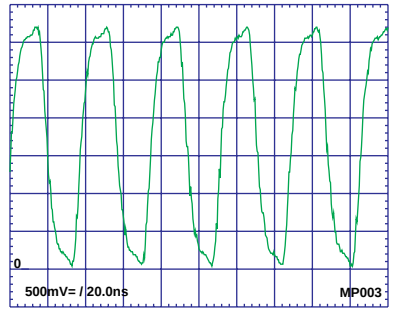
6.7.01 Ex

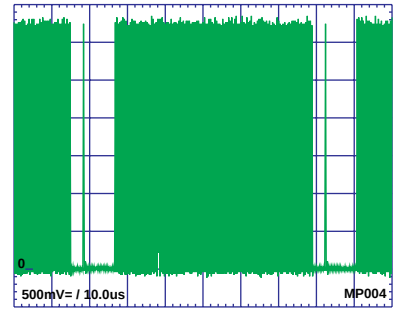
Benennung:	LOEWE.
Bedienteil Control unit Q2500-Vitros	
Code-Teile-Nr.: 614/390-88227.050	Index: A
erst.: Sabew Datum: 09.07. 1	gepr.: Datum:

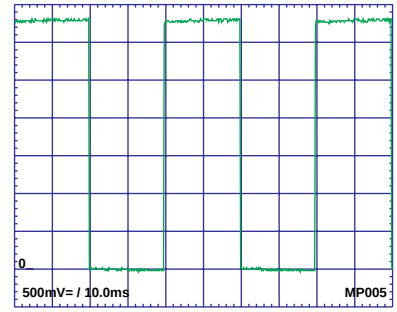

MC-Service
LIVE CIRCUIT
FLYBACK GENERATOR
W610 13pol
W511 13pol
W211 13pol
W250 "Best-Var"
W270 "Best-Var"
W260 "Best-Var"
W550 5pol. JST ws s
W560 "Best-Var"
W620 "Best-Var"
W652 "Best-Var"
W651 "Best-Var"
W611 2pol sw 7R92
W613 VH-JSTws 7R92 3pol
W618 2pol ws 7R92
W532 2pol grau
W569 2pol sw
W471 AMP gn s
W481 AMP ge s
W470 "Best-Var"
I474 TDA7296
I484 TDA7296
I561 "Typ-Var"
I691 L78S09CV
I663 L7808ACV
I611 TDA4605-3
I669 PS2561-1L-V
T639 SMT+PFC
T531 "Typ-Var"
T540 "Best-Var"
T528 "Typ-Var"
T612 2x18m5
U202 "Best-Typ-Var"
U203 "Best-Var"
DISE
SDA4
SDA3
SCL4
U5
DVB
SAT
CCVS2
AF1/SSIF2
UVideo
UF
USVM
32kV
FOCUS
UG2
08.01.02 Ex
10.1.02 Ri
Benennung: LOEWE.
Basic-Board
Q2500
Code-Teile-Nr.: 604/390-88175
Variante: alle Varianten 050-099
Index: D
erst.: Kestel
Datum: 08.01.2002
gepr.:
Datum:
88175D_34_050-099

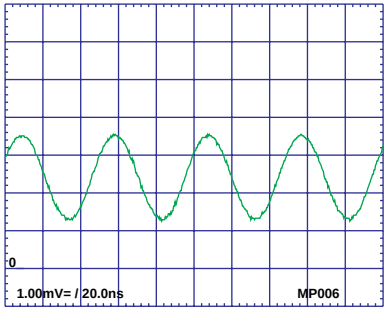

0
500mV= / 2.00us
MP001

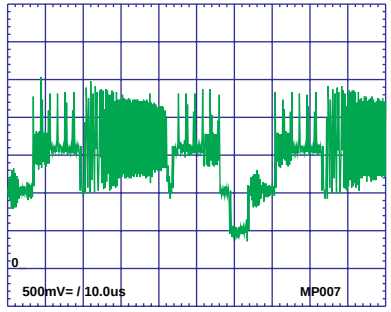

0
1.00V= / 2.00ms
MP002

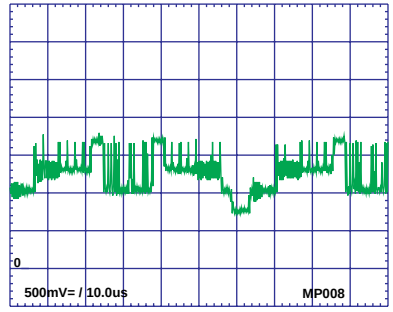

0
500mV= / 20.0ns
MP003

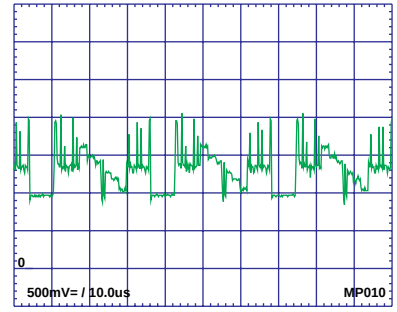

0
500mV= / 10.0us
MP004

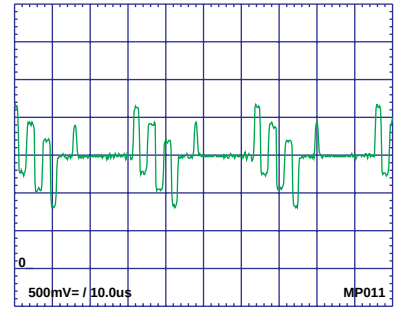

0
500mV= / 10.0ms
MP005

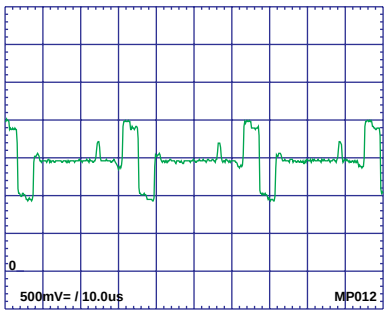

0
1.00mV= / 20.0ns
MP006

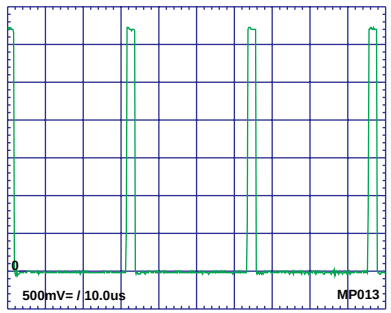

0
500mV= / 10.0us
MP007

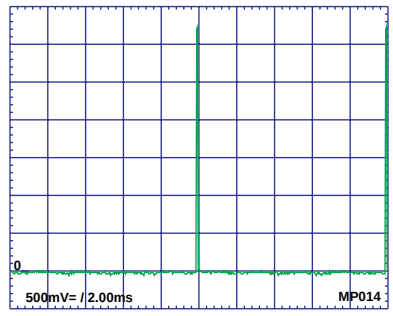

0
500mV= / 10.0us
MP008

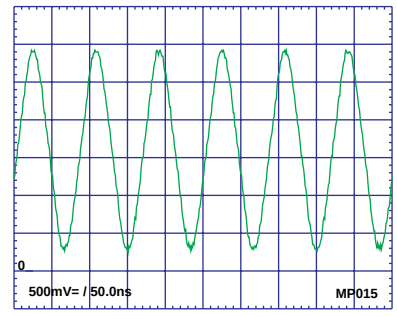

0
500mV= / 10.0us
MP010

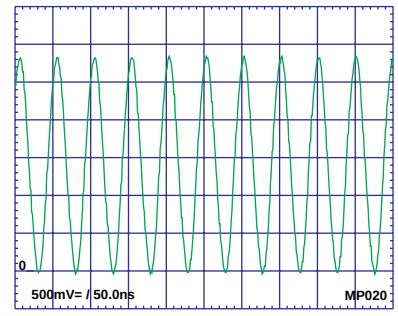

0
500mV= / 10.0us
MP011

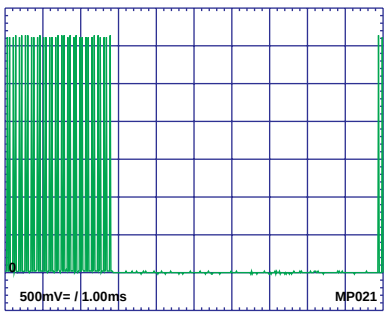

0
500mV= / 10.0us
MP012

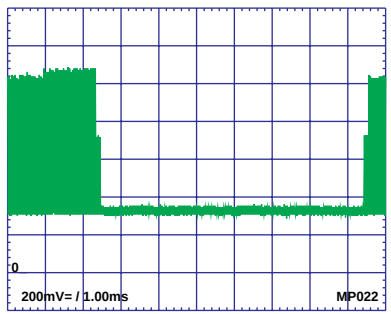

0
500mV= / 10.0us
MP013

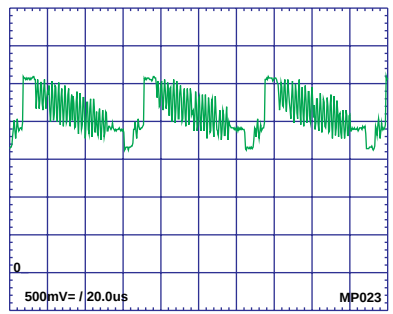

0
500mV= / 2.00ms
MP014

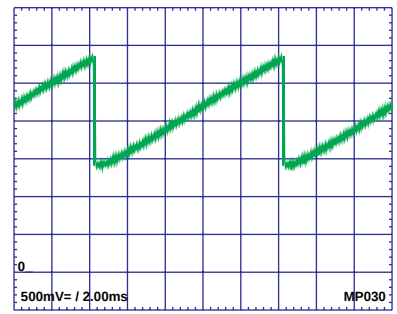

0
500mV= / 50.0ns
MP015

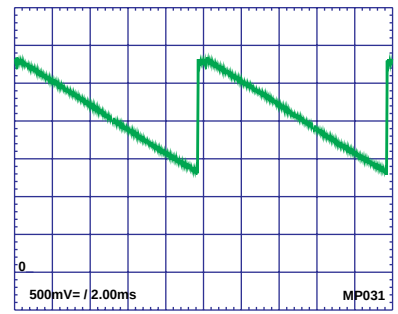

0
500mV= / 50.0ns
MP020

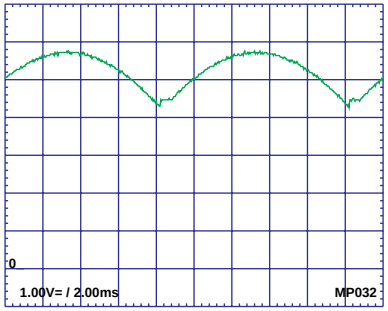

0
500mV= / 1.00ms
MP021

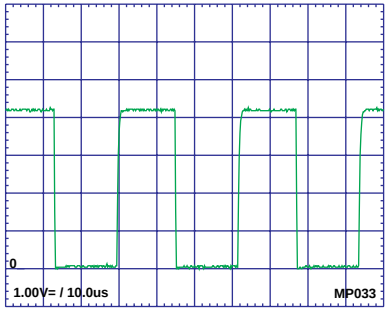

0
200mV= / 1.00ms
MP022

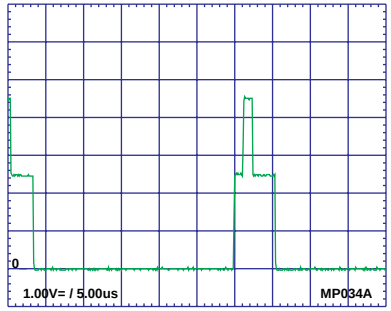

0
500mV= / 20.0us
MP023

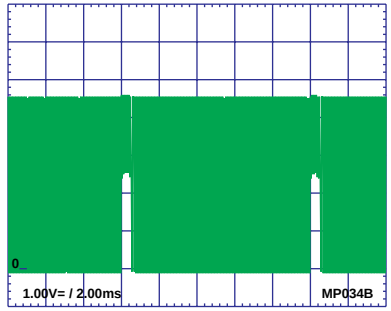

0
500mV= / 2.00ms
MP030

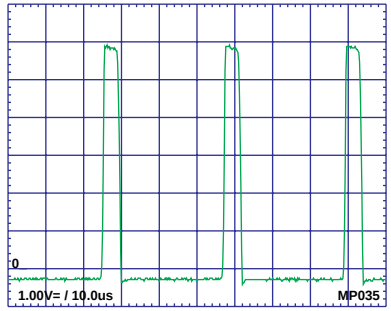

0
500mV= / 2.00ms
MP031

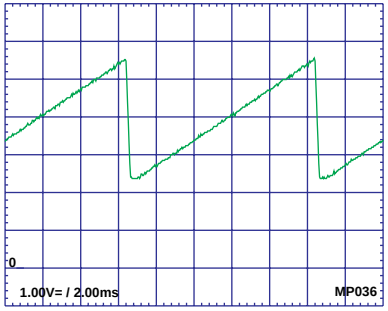

0
1.00V= / 2.00ms
MP032

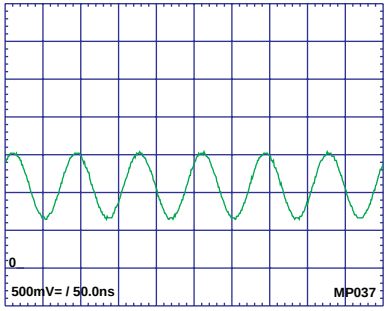

0
1.00V= / 10.0us
MP033

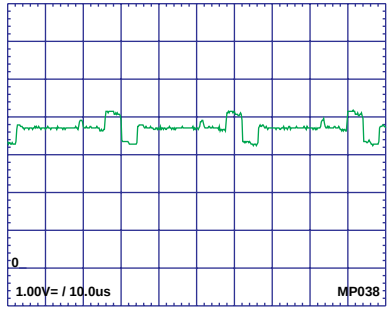

0
1.00V= / 5.00us
MP034A

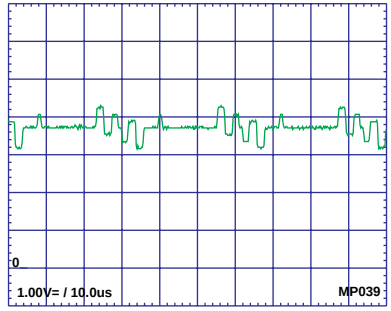

0
1.00V= / 2.00ms
MP034B

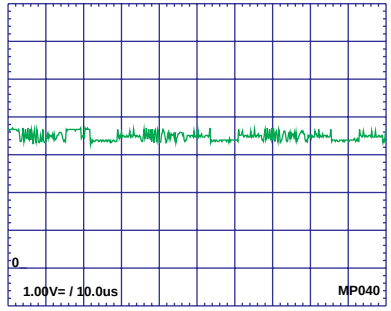

0
1.00V= / 10.0us
MP035

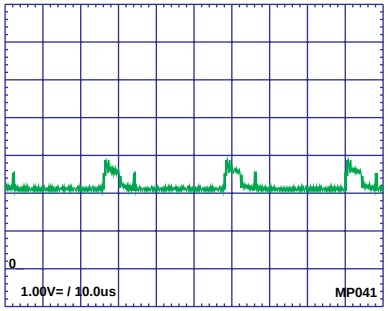

0
1.00V= / 2.00ms
MP036


0
500mV= / 50.0ns
MP037


0
1.00V= / 10.0us
MP038


0
1.00V= / 10.0us
MP039


0
1.00V= / 10.0us
MP040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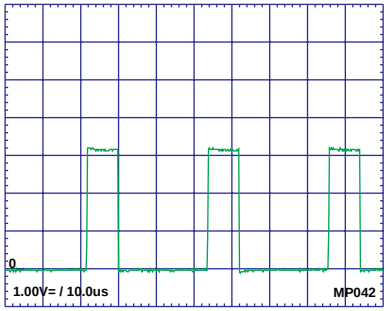
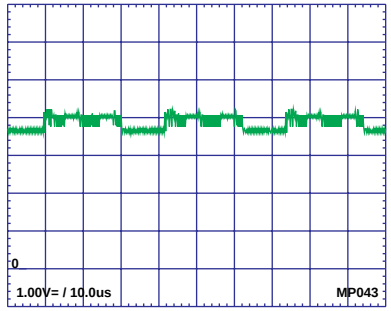
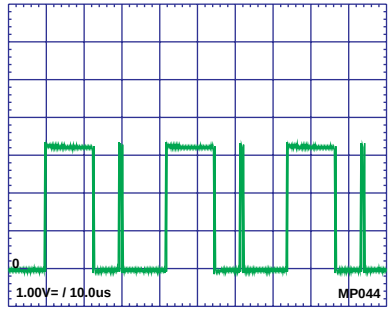
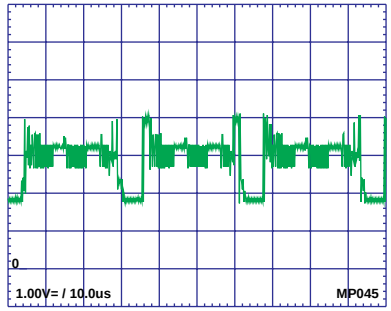
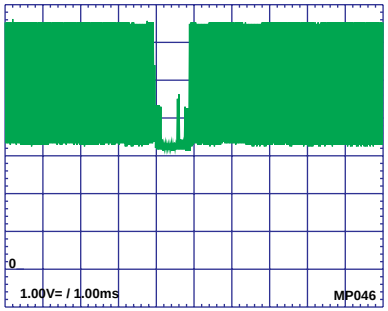
1.00V= / 10.0us
MP041

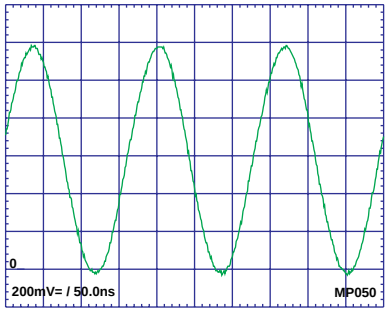

0
1.00V= / 10.0us
MP042

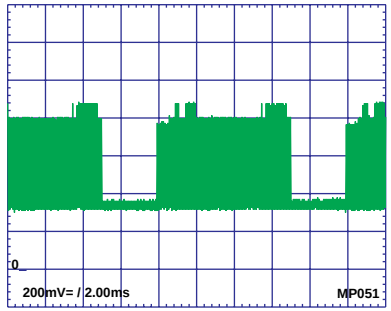

0
1.00V= / 10.0us
MP043

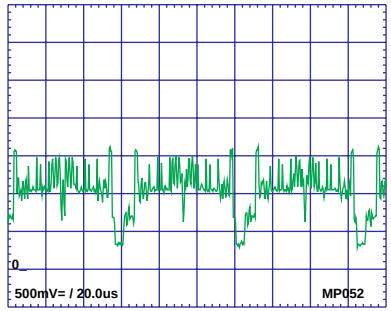

0
1.00V= / 10.0us
MP044

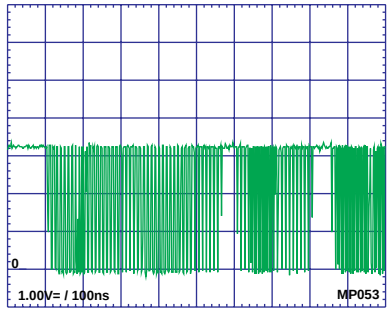

0
1.00V= / 10.0us
MP045

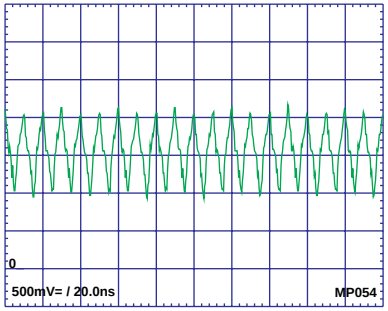

0
1.00V= / 1.00ms
MP046

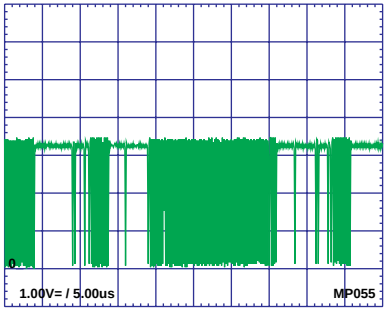

0
200mV= / 50.0ns
MP050

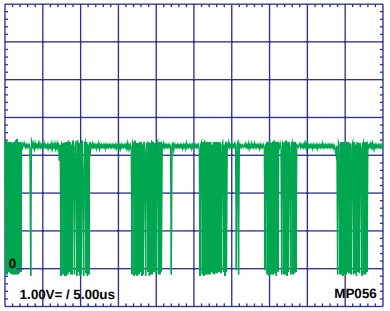

0
200mV= / 2.00ms
MP051

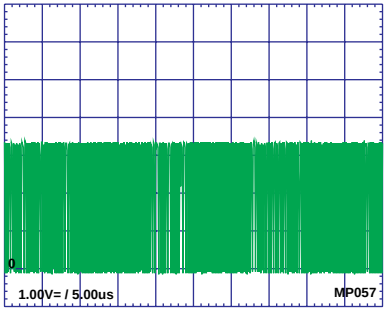

0
500mV= / 20.0us
MP052

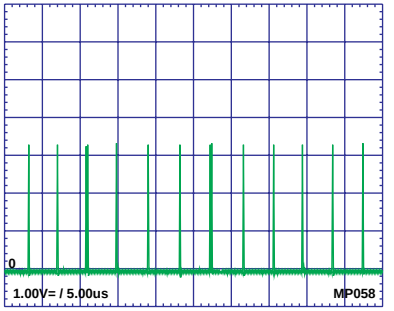

0
1.00V= / 100ns
MP053

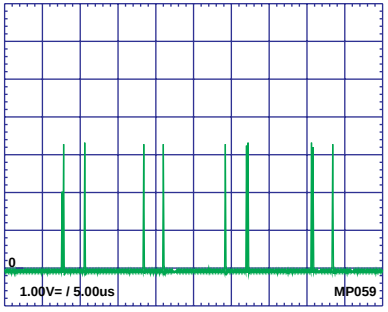

0
500mV= / 20.0ns
MP054

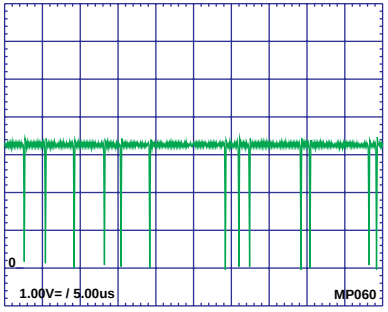

0
1.00V= / 5.00us
MP055

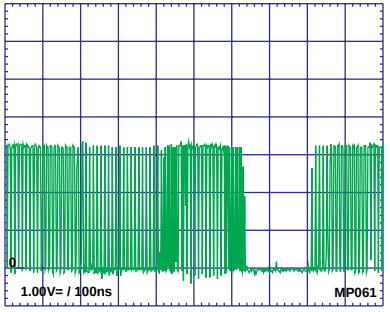

0
1.00V= / 5.00us
MP056

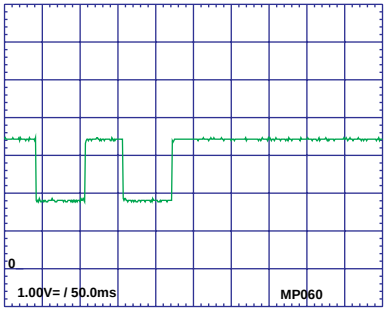

0
1.00V= / 5.00us
MP057


0
1.00V= / 5.00us
MP058


0
1.00V= / 5.00us
MP059


0
1.00V= / 5.00us
MP060


0
1.00V= / 100ns
MP061


0
1.00V= / 50.0ms
MP060

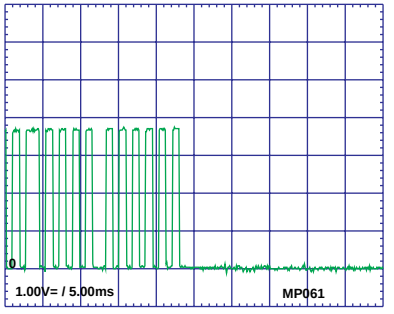

0
1.00V= / 5.00ms
MP061

Tabelle Basic-Board

Art.-Nr. 88175.065-099

Pos.	Bestell-Nr.	Bestell-Bezeichnung	Varianten: 65	66	80	81	82	83	84	86	87	90	91	93	94	95	96	97	98	99
B204	85840001	524 KURZSCHLUSSBRUECKE				1	1	1							1			1	1	1
B206	85840001	524 KURZSCHLUSSBRUECKE				1	1	1							1			1	1	1
B210	85840001	524 KURZSCHLUSSBRUECKE	1	1	1				1	1	1	1	1	1		1	1			
B214	85840001	524 KURZSCHLUSSBRUECKE	1	1	1				1	1	1	1	1	1		1	1			
B222	85840001	524 KURZSCHLUSSBRUECKE				1	1	1							1			1	1	1
B473	85840001	524 KURZSCHLUSSBRUECKE				1	1	1							1			1	1	1
B474	85840001	524 KURZSCHLUSSBRUECKE				1	1	1							1			1	1	1
B541	85840001	524 KURZSCHLUSSBRUECKE	1	1		1	1	1	1						1			1	1	1
B543	85840001	524 KURZSCHLUSSBRUECKE	1	1		1	1	1	1				1	1	1	1	1	1	1	1
B544	85840001	524 KURZSCHLUSSBRUECKE	1	1		1	1	1	1				1	1	1	1	1	1	1	1
B545	85840001	524 KURZSCHLUSSBRUECKE				1														
B567	85840001	524 KURZSCHLUSSBRUECKE	1		1		1	1		1	1	1						1	1	
B576	85840001	524 KURZSCHLUSSBRUECKE	1		1		1	1		1	1	1						1	1	
B577	85840001	524 KURZSCHLUSSBRUECKE	1		1		1	1		1	1	1						1	1	
B579	85840001	524 KURZSCHLUSSBRUECKE		1		1			1				1	1	1	1	1			1
C531	25292	KOND 2N7 J 2000V	1	1	1		1	1	1	1					1			1	1	1
	25293	KOND 3N0 J 2000V											1	1		1	1			
	26372	KOND 1N8 J 2000V				1														
	26835	KOND 2N2 J 2000V									1	1								
C539	24639	KOND 1N2 J 2000V									1	1	1							
	29485	KOND 1N0 J2000V			1					1										
C541	25295	KOND 9N4 H	1																	
	25296	KOND 8N8 H		1					1		1	1		1	1	1	1			1

Tabelle Basic-Board

Art.-Nr. 88175.065-099

Pos.	Bestell-Nr.	Bestell-Bezeichnung	Varianten: 65	66	80	81	82	83	84	86	87	90	91	93	94	95	96	97	98	99
C541	26060	KOND 8N4 H																1	1	
	26619	KOND 9N1 H											1							
	27603	KOND 7N5 H2000V			1		1	1		1										
	28113	KOND 4N1 H2000V				1														
C542	24450	KOND 600N J 250V											1	1		1	1			
	25257	KOND 470N J 250V				1	1	1												
	25886	KOND 520N J 250V		1	1				1	1	1	1			1			1	1	1
	28116	KOND 680N J 250V	1																	
C543	25294	KOND 27N J 630V											1							
	26487	KOND 10N J 630V				1														
	26531	KOND 22N J 630V	1																	
	27012	KOND 25N J 630V		1	1		1	1	1	1	1	1		1	1	1	1	1	1	1
C544	16573	KOND 750N J 250V	1											1		1	1	1	1	
	24450	KOND 600N J 250V				1														
	28116	KOND 680N J 250V			1		1	1		1			1							
	73806	KOND 900N J 160VW (250 V-)		1					1		1	1			1					1
C545	28868	KOND 390P J 2000V			1					1	1	1								
C553	28868	KOND 390P J 2000V			1					1	1	1								
C561	11762020	ELKO 22U S 250V	1		1		1	1		1	1	1						1	1	
C563	20257020	ELKO 220U M 50V		1		1			1				1	1	1	1	1			1
C577	12156020	KOND 1N5 J 63V		1			1	1	1		1	1			1			1	1	1
	20455020	KOND 1N K 50V	1		1					1										
	21367020	KOND 2N2 K 50V											1	1		1	1			

Tabelle Basic-Board

Art.-Nr. 88175.065-099

Pos.	Bestell-Nr.	Bestell-Bezeichnung	Varianten: 65	66	80	81	82	83	84	86	87	90	91	93	94	95	96	97	98	99
	22175020	KOND 3N3 K 50V				1														
C579	12156020	KOND 1N5 J 63V									1	1								
	20455020	KOND 1N K 50V	1										1	1		1	1			
	23994020	KOND 470P K1000V				1														
C590	21165020	ELKO 4U7 M 50V	1	1		1	1	1	1				1	1	1	1	1	1	1	1
C591	17788020	KOND 2U2 K 50V			1					1	1	1								
C686	20176Y06	KOND 10N K 50V	1			1	1	1										1	1	
C689	20176020	KOND 10N K 50V	1			1	1	1										1	1	
	21183020	KOND 680P K 500V		1	1				1	1	1	1	1	1	1	1	1			1
D532	25838Y10	DIODE 3,0A 200V DO201ADUFAST-GP	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
D651	22712	DIODE 3,0A 1000V DO27A UFAST-GP				1														
D652	28613	DIODE BYT08PI-1000	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
H203	87836001	FOLIENZUSCHNITT	1	1	1				1	1	1	1		1						
H532	26458	FOCUS-KABEL500MM LV	1	1		1	1	1	1				1	1	1	1	1	1	1	1
	29748	FOCUS-KABEL500MM SW			1					1	1	1								
H535	29749	FOCUS-KABEL500MM ROT			1					1	1	1								
I561	26528	IC TDA8177		1		1			1				1	1	1	1	1			1
	29150	IC STV9379FA VERT.ABLENKUNG	1		1		1	1		1	1	1						1	1	
L537	14691	SPULE 510U K SP-U15				1														
	23662	SPULE 200U K BRUECKENSPULE	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
L538	24475	LIN-REGLER 4,6UH											1							
	26787	LIN-REGLER			1		1	1		1										
	26981	LIN-REGLER				1														

Tabelle Basic-Board

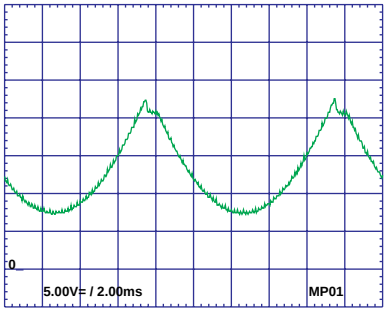
Art.-Nr. 88175.065-099

Pos.	Bestell-Nr.	Bestell-Bezeichnung	Varianten: 65	66	80	81	82	83	84	86	87	90	91	93	94	95	96	97	98	99
	27544	LIN-REGLER 5,4UH		1					1		1	1		1	1	1	1	1	1	1
	29038	LIN-REGLER 4,1UH	1																	
L553	17664	DR-R5 20U J 9X12 RM5 2A1 270/5 LV			1					1										
	22932	DR-R5 38U K 9X12 RM5 270/5				1	1	1										1	1	
	25371	DR-R5 15U 8% 9X12 RM5 270/5	1																	
	27657	DR-R5 44U J 9X12 R5 DR270/5		1					1		1	1	1	1	1	1	1			1
R204	20323	WID 22K J 0204 LV366-2 LV010	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
R532	11871	WID 1R2 K 4W DR				1														
	21294	WID 0R68 J 4,00W	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
R544	29791	WIDM 2K2 K 0W5 0411			1					1	1	1	1	1		1	1			
R545	27701	WIDSI 3R3 J 0207 0,50W	1	1	1				1	1	1	1	1	1	1	1	1			1
	85840001	524 KURZSCHLUSSBRUECKE					1	1										1	1	
R559	29174010	WIDSI 33R K 0207 0,33W	1		1		1	1		1	1	1						1	1	
R564	20661	WID 470R J 0207 LV366-2	1										1	1		1	1			
R567	20661	WID 470R J 0207 LV366-2	1	1	1		1	1	1	1	1	1			1			1	1	1
R574	11091	WID 0R82 J 4,00W											1							
	11093	WID 0R56 J 4W0									1	1								
	21086	WID 0R56 K 0414	1	1			1	1	1						1			1	1	1
	21294	WID 0R68 J 4,00W			1					1										
	22719	WID 1R J 2,00W				1								1		1	1			
R619	16662	DUO-PTC-WID 18R		1			1	1	1				1	1	1	1	1	1	1	1
	28729	DUO-PTC-WID 9R	1		1					1	1	1								
	73056	DUO-PTC-WID 30R				1														

Tabelle Basic-Board

Art.-Nr. 88175.065-099

Pos.	Bestell-Nr.	Bestell-Bezeichnung	Varianten: 65	66	80	81	82	83	84	86	87	90	91	93	94	95	96	97	98	99
R659	14985	WID 15K G 0204	1																	
	20331	WID 22K G 0204 LV367-2		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
T528	23664	SPULE TREIBERSPULE VOGT	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
	27831	SPULE TREIBERSPULE VOGT				1														
T531	27003	ZEILENTRAFO 24/28/29" Q23/41/24/414		1					1				1	1	1	1	1			1
	27397	ZEILENTRAFO 21/24/28/33" Q23/41/24/414	1			1	1	1										1	1	
	29176	ZEILENTRAFO 28/32/40" Q2500			1					1	1	1								
T540	21351	TRAFO AT4043/67A			1					1	1	1								
T612	17684	DR. 2X 18M5 575 03 055 00 VOGT	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
	22306	DR. 2X 18M5 570 26 008 00 VOGT				1														
T639	28636	W-TRAFO Q2400/Q2500 (146V)	1			1	1	1										1	1	
	28640	W-TRAFO Q2400 (136V)		1	1				1	1	1	1	1	1	1	1	1			1
U202	87271051	TUNER-ZF M MULTISYSTEM MN/BG-DK	1	1		1		1		1	1		1	1			1		1	1
	87273051	TUNER-ZF D DUALSYSTEM BG-DK			1		1		1			1			1	1		1		
U203	87998050	TUNER-ZF EPAS EUROSYS. M. ANTENNENSPLITTER	1	1	1				1	1	1	1		1						
W470	28380	EL-CONNECTOR9-POL.	1	1	1				1	1	1	1	1	1		1	1			
W560	20053	STIFTW.VERT 4-P NAT2R50 EH			1					1	1	1								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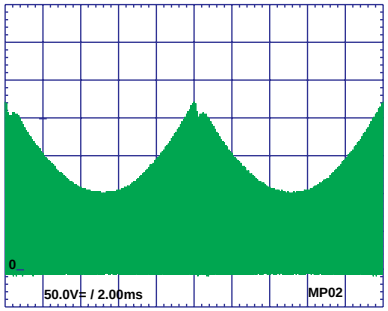
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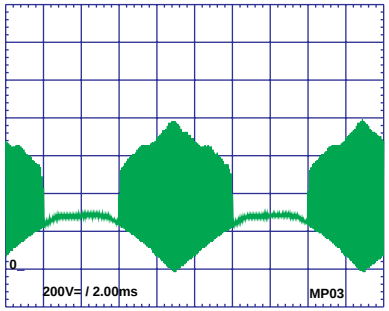
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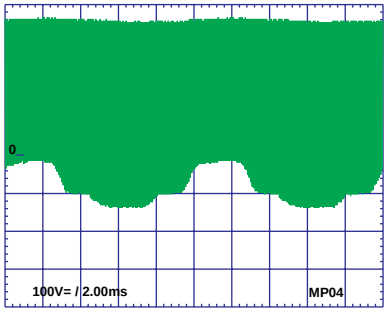
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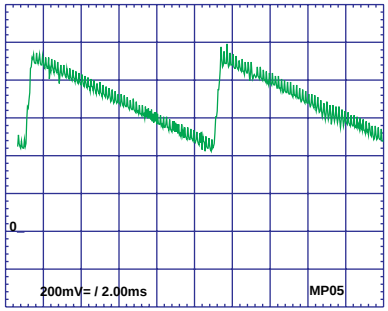
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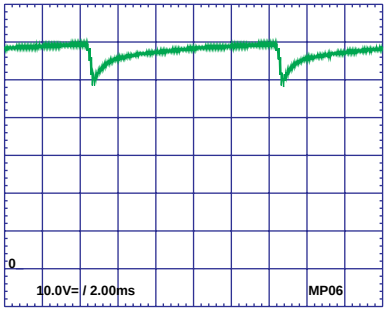
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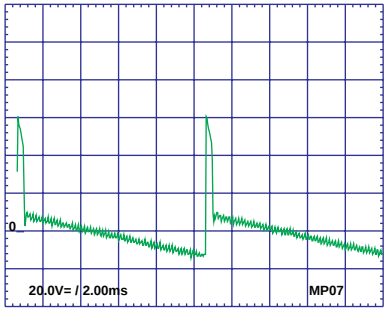
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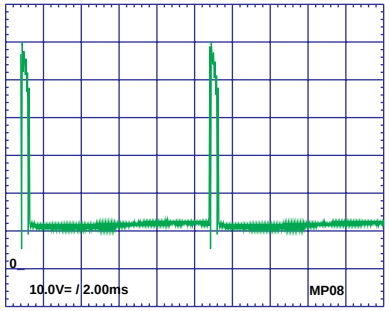
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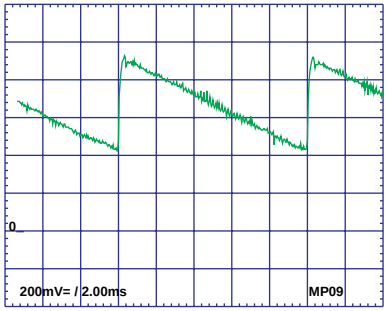
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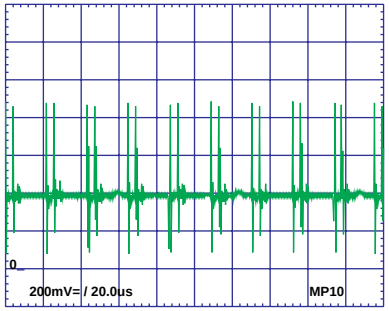
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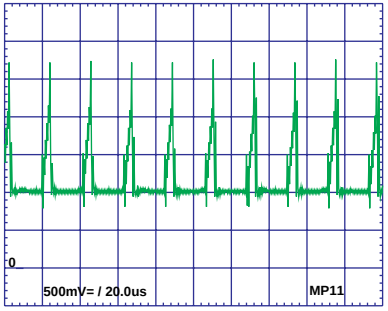
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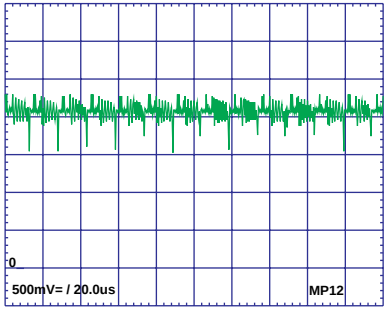
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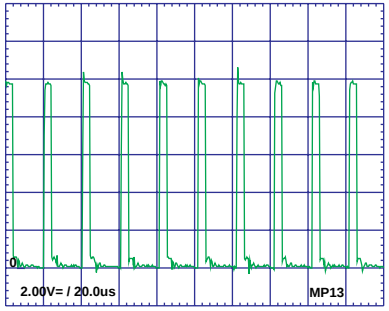
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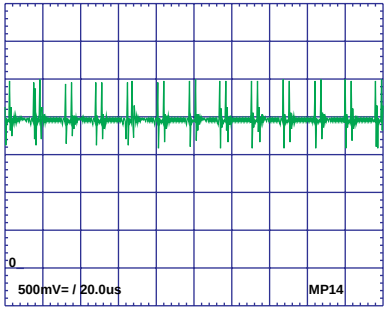
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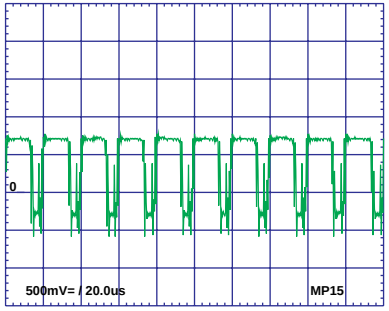
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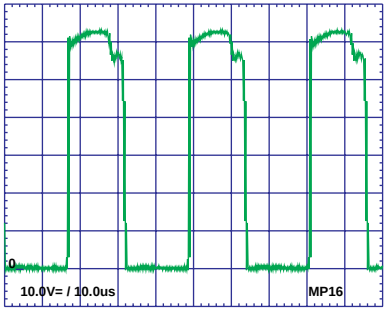
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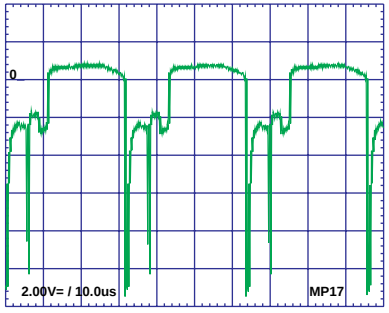
MP16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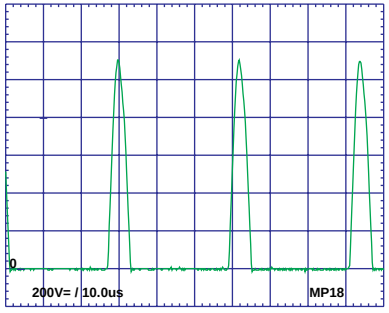
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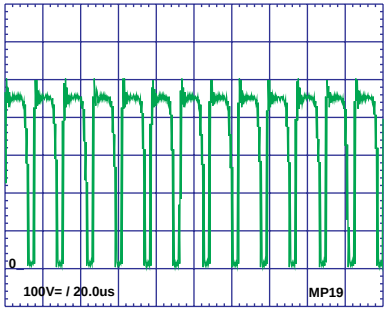
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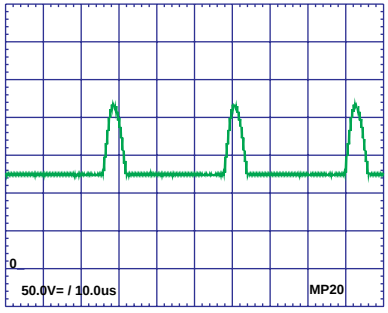
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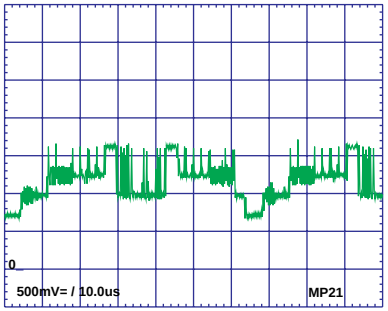
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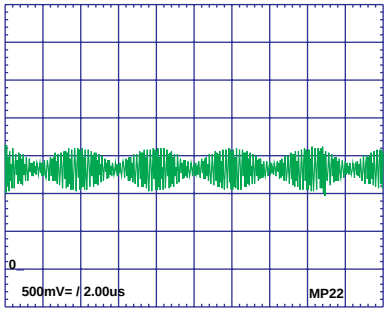
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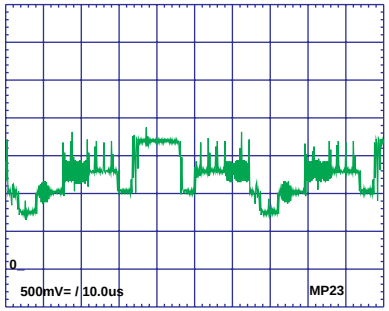
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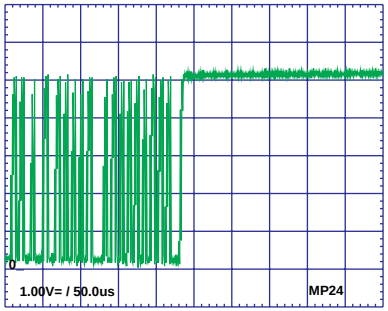
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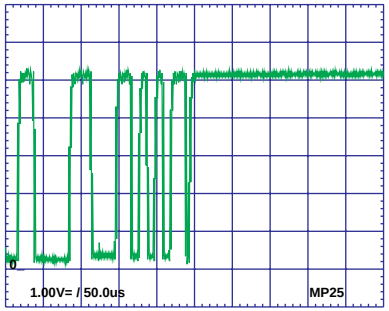
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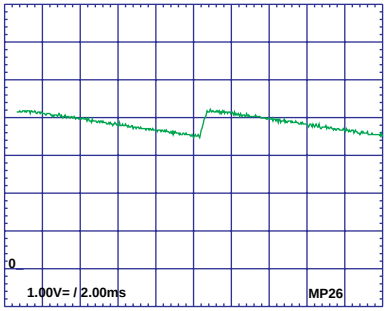
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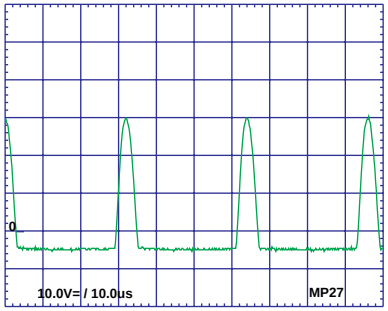
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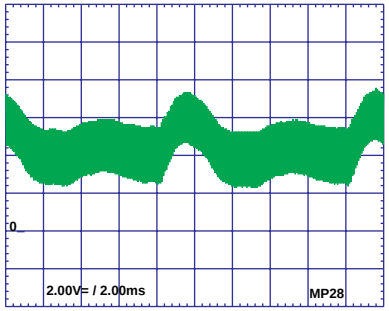
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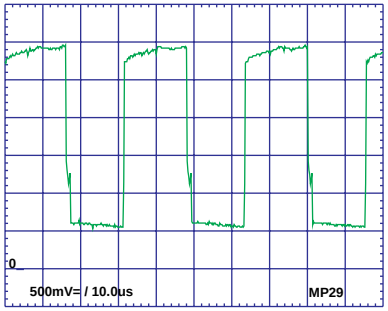
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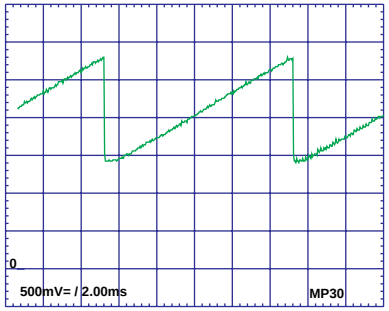
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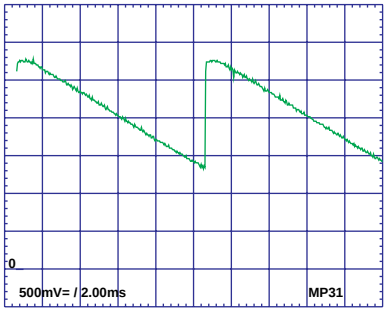
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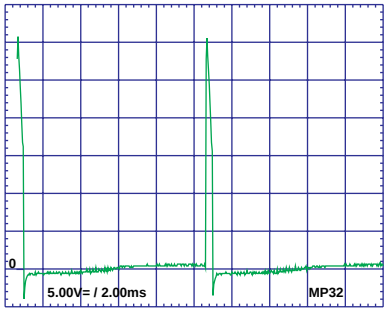
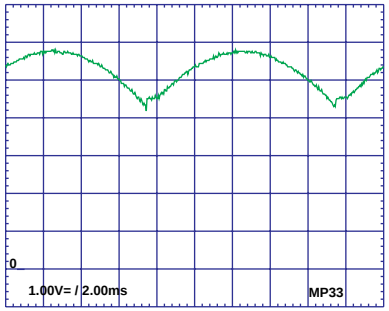
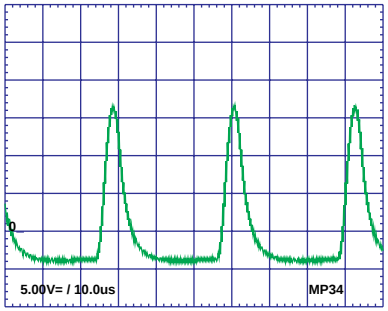
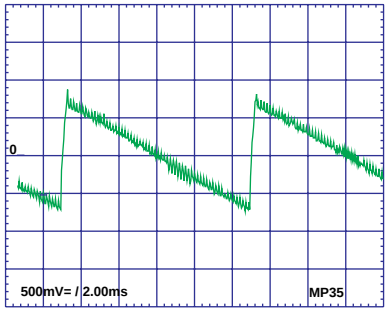
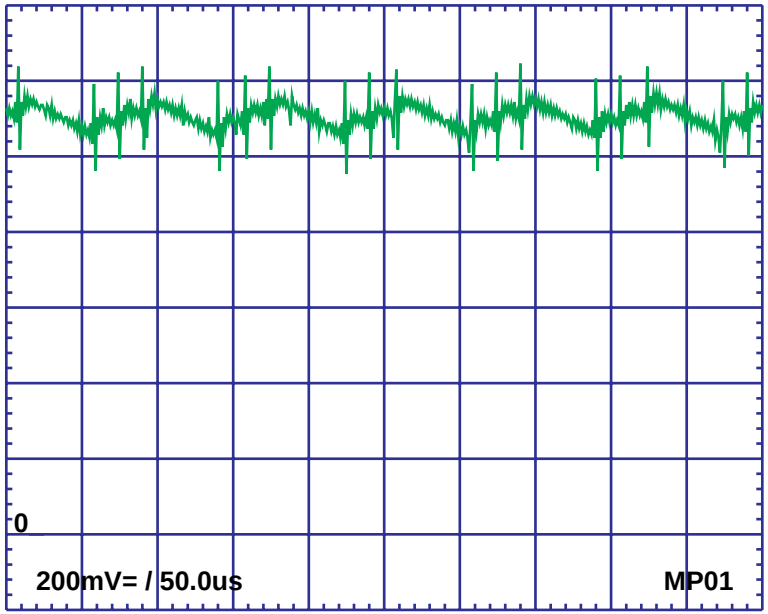
500mV= / 2.00ms
MP31

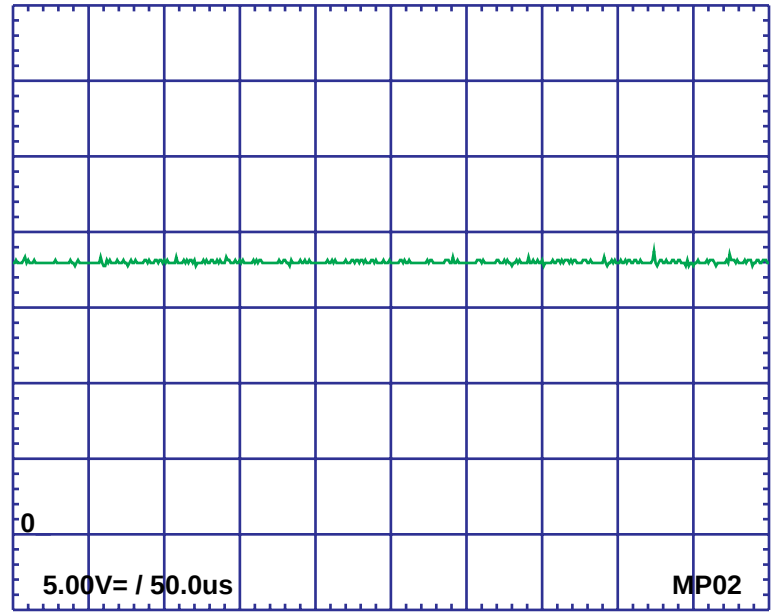

0
5.00V= / 2.00ms
MP32

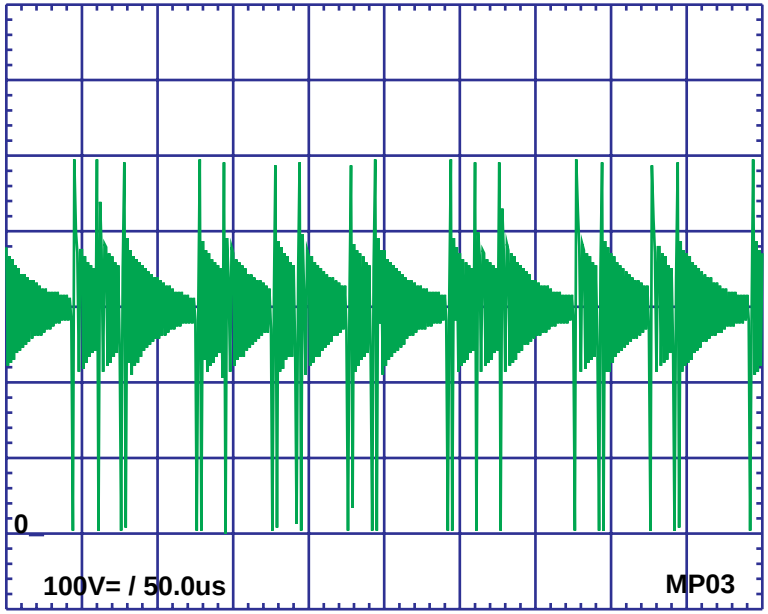

0
1.00V= / 2.00ms
MP33

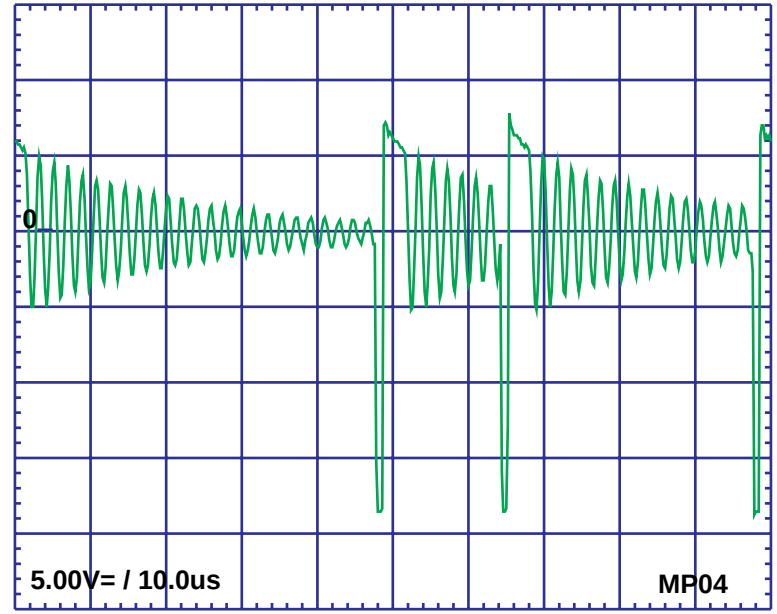

0
5.00V= / 10.0us
MP34


0
500mV= / 2.00ms
MP35


0
200mV= / 50.0us
MP01


0
5.00V= / 50.0us
MP02


0
100V= / 50.0us
MP03


0
5.00V= / 10.0us
MP04

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
U100	SAT-Tuner DVB/FM BS2W7HG1002	Scaffolding Access.	291-28502	050
U100	SAT-Tuner DVB/FM BS2W7HG1002	Scaffolding Access.	291-28502	052
U240	SAT-Tuner SF1218/SH	Tuner	260-28462	051
U700	SAT-Tuner SF1218/SH	Tuner	260-28462	050
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I150	IC MAX4546CSE SO16 RF/Video Switch	Integrated Circuit	350-28499	052
I300	IC LM2574M-ADJ 0,5A M14B	Integrated Circuit	350-28497	
I320	IC LM 2903D SO08	Integrated Circuit	350-21674	
I360	ICMOS SAA1300 SOT142-1	Integrated Circuit	349-28501	
I400	IC TSA5523M SOT266	Integrated Circuit	350-27275	050
I400	IC TSA5523M SOT266	Integrated Circuit	350-27275	052
I450	IC LM 358 SMD	Integrated Circuit	350-21521	050
I450	IC LM 358 SMD	Integrated Circuit	350-21521	052
I700	IC STV0056A DIP56Shrink	Integrated Circuit	349-28504	
I800	IC LM2574M-ADJ 0,5A M14B	Integrated Circuit	350-28497	050
I820	IC LM 2903D SO08	Integrated Circuit	350-21674	050
I860	ICMOS SAA1300 SOT142-1	Integrated Circuit	349-28501	050
I900	IC TDA6151 SO20	Integrated Circuit	350-23124	050
	QUARZE/FILTER	**QUARTZES**		
X789	Quarz 4,000000 MHz HC49U	Crystal Oscillator	385-20171	
	WIDERSTÄNDE	**RESISTORS**		
R301	1R J 0207	Resistor	367-24709.020	
R801	1R J 0207	Resistor	367-24709.020	050
	SMD TEILE	**SMD PARTS**		
D301	3,0A 40V SOD6 Schottky	Diode	351-28529	051
D301	3,0A 40V SOD6 Schottky	Diode	351-28529	052
D303	1,0A 600V	Diode	351-20547	051
D303	1,0A 600V	Diode	351-20547	052
D338	ZD 5V6 SOD80 ZMM B ITT	Diode	351-22580	051
D338	ZD 5V6 SOD80 ZMM B ITT	Diode	351-22580	052
D376	LL4148 SOD80	Diode	351-15015	
D381	LL4148 SOD80	Diode	351-15015	
D613	LL4148 SOD80	Diode	351-15015	
D613	BAS316 SOD323	Diode	351-27952	051
D614	BAS316 SOD323	Diode	351-27952	051
D616	BAS316 SOD323	Diode	351-27952	051
D624	BAS316 SOD323	Diode	351-27952	051
D626	LL4148 SOD80	Diode	351-15015	

Sat 6 **Art.-Nr. 87699.050-052**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
D626	BAS316 SOD323	Diode	351-27952	051
D627	BAS316 SOD323	Diode	351-27952	051
D876	LL4148 SOD80	Diode	351-15015	050
D881	LL4148 SOD80	Diode	351-15015	050
Q103	SI2302DS MOSF. N- 1,25W SOT23	Transistor	344-28503	050
Q103	SI2302DS MOSF. N-Kanal 1,25W SOT23	Transistor	344-28503	052
Q104	SI2302DS MOSF. N-Kanal 1,25W SOT23	Transistor	344-28503	050
Q104	SI2302DS MOSF. N-Kanal 1,25W SOT23	Transistor	344-28503	052
Q107	BC847BW SOT323	Transistor	344-27272	050
Q107	BC847BW SOT323	Transistor	344-27272	052
Q108	BCR148W SOT323	Transistor	344-27270	050
Q108	BCR148W SOT323	Transistor	344-27270	052
Q109	BCR148W SOT323	Transistor	344-27270	050
Q109	BCR148W SOT323	Transistor	344-27270	052
Q121	BC847BW SOT323	Transistor	344-27272	050
Q121	BC847BW SOT323	Transistor	344-27272	052
Q316	BCR148W SOT323	Transistor	344-27270	
Q318	BC847BW SOT323	Transistor	344-27272	
Q334	BC847BW SOT323	Transistor	344-27272	
Q340	BC847BW SOT323	Transistor	344-27272	
Q352	BC847BW SOT323	Transistor	344-27272	
Q354	BC847BW SOT323	Transistor	344-27272	
Q364	BCR148W SOT323	Transistor	344-27270	
Q366	BCR148W SOT323	Transistor	344-27270	
Q367	BCR148W SOT323	Transistor	344-27270	
Q368	BCR148W SOT323	Transistor	344-27270	
Q374	BC847BW SOT323	Transistor	344-27272	
Q377	BC847BW SOT323	Transistor	344-27272	
Q392	BCR148W SOT323	Transistor	344-27270	
Q393	BC847BW SOT323	Transistor	344-27272	
Q553	BC847BW SOT323	Transistor	344-27272	
Q658	BC857W SOT323	Transistor	344-27468	050
Q658	BC857BW SOT323	Transistor	344-28404	051
Q658	BC857W SOT323	Transistor	344-27468	052
Q679	BC857W SOT323	Transistor	344-27468	050
Q679	BC857BW SOT323	Transistor	344-28404	051
Q679	BC857W SOT323	Transistor	344-27468	052
Q712	BF799LK	Transistor	344-17798	

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
Q723	BC857W SOT323	Transistor	344-27468	050
Q723	BC857BW SOT323	Transistor	344-28404	051
Q723	BC857W SOT323	Transistor	344-27468	052
Q752	BC847B SOT23	Transistor	344-14974	
Q757	BC847B SOT23	Transistor	344-14974	050
Q816	BCR148W SOT323	Transistor	344-27270	050
Q818	BC847BW SOT323	Transistor	344-27272	050
Q834	BC847BW SOT323	Transistor	344-27272	050
Q840	BC847BW SOT323	Transistor	344-27272	050
Q841	BCR148W SOT323	Transistor	344-27270	050
Q842	BC847BW SOT323	Transistor	344-27272	050
Q852	BC847BW SOT323	Transistor	344-27272	050
Q854	BC847BW SOT323	Transistor	344-27272	050
Q864	BCR148W SOT323	Transistor	344-27270	050
Q866	BCR148W SOT323	Transistor	344-27270	050
Q867	BCR148W SOT323	Transistor	344-27270	050

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
Q868	BCR148W SOT323	Transistor	344-27270	050
Q874	BC847BW SOT323	Transistor	344-27272	050
Q877	BC847BW SOT323	Transistor	344-27272	050
Q913	BC847BW SOT323	Transistor	344-27272	050
Q927	BC847BW SOT323	Transistor	344-27272	050
Q933	BC857W SOT323	Transistor	344-27468	050
Q934	BC847BW SOT323	Transistor	344-27272	050
Q941	BC857W SOT323	Transistor	344-27468	050
Q943	BC847BW SOT323	Transistor	344-27272	050
Q948	BC857B SOT23	Transistor	344-14979	050
Q952	BC857W SOT323	Transistor	344-27468	050
Q957	BC847BW SOT323	Transistor	344-27272	050
Q969	BCR198W SOT323	Transistor	344-27269	050
Q971	BC857W SOT323	Transistor	344-27468	050
Q976	BC847B SOT23	Transistor	344-14974	050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
10	M27V322-100XB1 PDIP42 100N OTP	Integrated Circuit	349-29779	091
I1711	TEA6415 SO20L	Integrated Circuit	350-25733	
I1731	TEA6415 SO20L	Integrated Circuit	350-25733	
I1771	HEF4053D SO16	Integrated Circuit	350-24881	
I1871	TEA6422D SO28	Integrated Circuit	350-25732	
I2051	MSP3400 PQFP-80 Sound	Integrated Circuit	350-29130	090
I2051	MSP3410 PQFP-80 Sound	Integrated Circuit	350-29131	091
I2051	MSP3411 PQFP-80 Sound	Integrated Circuit	350-29132	093
I2051	MSP3401 PQFP-80 Sound	Integrated Circuit	350-29133	092
I2056	MC 78L08ACP TO92	Integrated Circuit	349-24725.020	
I2091	MC33079 SO14	Integrated Circuit	350-28701	
I2271	VPC3230D MQFP80	Integrated Circuit	350-29177	092
I2271	VPC3230D MQFP80	Integrated Circuit	350-29177	093
I2271	VPC3231 QFP80 VIDEO	Integrated Circuit	350-29234	090
I2271	VPC3231 QFP80 VIDEO	Integrated Circuit	350-29234	091
I2311	SAA4979 QFP128 CONVER	Integrated Circuit	350-29128	
I2318	IC-VR 3V30 0A30 SOT223	Integrated Circuit	350-29462	
I2501	SDA9488 P-DSO28 PIP-IC	Integrated Circuit	350-29231	092
I2501	SDA9488 P-DSO28 PIP-IC	Integrated Circuit	350-29231	093
I2521	TDA9332H-N2 QFP-44 DEFLEC	Integrated Circuit	350-29481	
I2651	LM 358 SMD	Integrated Circuit	350-21521	
I2716	74HCT4052D SO16	Integrated Circuit	350-29463	
I2786	IC-VR 3V30 0A30 SOT223	Integrated Circuit	350-29462	
I2791	IC-VR 2V50 0A30 SOT223	Integrated Circuit	350-29460	
I2796	IC-VR 2V50 0A30 SOT223	Integrated Circuit	350-29460	
I2801	SDA6000 MQFP128 TELTEX	Integrated Circuit	350-29127	
I2906	48LC1M# TSOP 10NS SDRAM	Integrated Circuit	350-29138	
I2926	M27V160-100XB1 PDIP42 100N OTP	Integrated Circuit	349-29303	090
I2926	M27V160-100XB1 PDIP42 100N OTP	Integrated Circuit	349-29303	092
I2926	M27V160-100XB1 PDIP42 100N OTP	Integrated Circuit	349-29303	093
I2926	M27V322-100XB1 PDIP42 100N OTP	Integrated Circuit	349-29779	093
I2926	M27V322-100XB1OTP SW V1.2	Integrated Circuit	349-29779.483	091
I2931	24C64 DIP-8 EEPROM 64KB I2C	Integrated Circuit	349-28114	
I2941	ICRES 2V75 J SO8 TS831	Integrated Circuit	350-29141	
I2946	ICRES 2V75 J SO8 TS831	Integrated Circuit	350-29141	

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BUCHSEN/FASSUNGEN	**SOCKETS**		
11	Kurzschluß-Stecker	Plug	321-16821	092
11	Kurzschluß-Stecker	Plug	321-16821	093
H2926	IC-Fassung 42-pol. DIL	Socket	320-28410	
H2931	IC-Fassung 8-pol.	Socket	320-80503	
H2936	IC-Fassung 8-pol.	Socket	320-80503	
W1101	SCART-Buchse	Socket	323-19542	
W1201	SCART-Buchse	Socket	323-19542	
W1494	Cinch-Buchse 2-fach vertikal rot/weiß	Socket	323-28893	
W1941	Buchse vertikal Mini DIN 8-polig	Socket	323-28368	
	TRANSISTOREN	**TRANSISTORS**		
Q1142	BC847BW SOT323	Transistor	344-27272	
Q1152	BC857BW SOT323	Transistor	344-28404	
Q1161	BC817-25W SOT323	Transistor	344-28405	
Q1252	BC857BW SOT323	Transistor	344-28404	
Q1261	BC817-25W SOT323	Transistor	344-28405	
Q1432	BCW66H	Transistor	344-26051	
Q1433	BC857BW SOT323	Transistor	344-28404	
Q1446	BC857BW SOT323	Transistor	344-28404	
Q1453	BC847BW SOT323	Transistor	344-27272	
Q1461	BC847BW SOT323	Transistor	344-27272	
Q1473	BC847BW SOT323	Transistor	344-27272	
Q1483	BC857BW SOT323	Transistor	344-28404	
Q1491	BC847BW SOT323	Transistor	344-27272	
Q1493	BC847BW SOT323	Transistor	344-27272	
Q1496	BC847BW SOT323	Transistor	344-27272	
Q1498	BC847BW SOT323	Transistor	344-27272	
Q1581	BC847BW SOT323	Transistor	344-27272	
Q1586	BC847BW SOT323	Transistor	344-27272	
Q1773	BC847BW SOT323	Transistor	344-27272	
Q1776	BC857BW SOT323	Transistor	344-28404	
Q1782	BC857BW SOT323	Transistor	344-28404	
Q1784	BC857BW SOT323	Transistor	344-28404	
Q1792	BC847BW SOT323	Transistor	344-27272	
Q1814	BC847BW SOT323	Transistor	344-27272	
Q1834	BC847BW SOT323	Transistor	344-27272	092

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	TRANSISTOREN	**TRANSISTORS**		
Q1834	BC847BW SOT323	Transistor	344-27272	093
Q1842	BC857BW SOT323	Transistor	344-28404	092
Q1842	BC857BW SOT323	Transistor	344-28404	093
Q1849	BC847BW SOT323	Transistor	344-27272	092
Q1849	BC847BW SOT323	Transistor	344-27272	093
Q1912	SN7002 SOT23 0A19 60V NCH	Transistor	344-29134	
Q1916	BC857BW SOT323	Transistor	344-28404	
Q1922	BSV52 SOT23	Transistor	344-16207	
Q1928	BC807-25 SOT23	Transistor	344-16064	
Q1931	BC857BW SOT323	Transistor	344-28404	
Q2027	BC857BW SOT323	Transistor	344-28404	
Q2076	BC857BW SOT323	Transistor	344-28404	
Q2078	BC857BW SOT323	Transistor	344-28404	
Q2081	BC857BW SOT323	Transistor	344-28404	
Q2083	BC857BW SOT323	Transistor	344-28404	
Q2226	BC857BW SOT323	Transistor	344-28404	
Q2371	BC847BW SOT323	Transistor	344-27272	
Q2472	BC857BW SOT323	Transistor	344-28404	
Q2482	BC857BW SOT323	Transistor	344-28404	
Q2486	BC847BW SOT323	Transistor	344-27272	
Q2492	BC857BW SOT323	Transistor	344-28404	
Q2496	BC847BW SOT323	Transistor	344-27272	
Q2556	BC847BW SOT323	Transistor	344-27272	
Q2561	BC847BW SOT323	Transistor	344-27272	
Q2581	BC847BW SOT323	Transistor	344-27272	
Q2612	BC847BW SOT323	Transistor	344-27272	
Q2616	BC847BW SOT323	Transistor	344-27272	
Q2623	BC857BW SOT323	Transistor	344-28404	
Q2626	BC857BW SOT323	Transistor	344-28404	
Q2628	BC857BW SOT323	Transistor	344-28404	
Q2638	BC847BW SOT323	Transistor	344-27272	
Q2639	BC847BW SOT323	Transistor	344-27272	
Q2721	BC847BW SOT323	Transistor	344-27272	
Q2726	BC847BW SOT323	Transistor	344-27272	
Q2731	BC847BW SOT323	Transistor	344-27272	
Q2737	BC847BW SOT323	Transistor	344-27272	
Q2755	BC847BW SOT323	Transistor	344-27272	
Q2758	BC847BW SOT323	Transistor	344-27272	

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	TRANSISTOREN	**TRANSISTORS**		
Q2762	BC847BW SOT323	Transistor	344-27272	
Q2765	BC847BW SOT323	Transistor	344-27272	
Q2823	BC847BW SOT323	Transistor	344-27272	
Q2831	BC847BW SOT323	Transistor	344-27272	
Q2853	BC847BW SOT323	Transistor	344-27272	
Q2856	BC857BW SOT323	Transistor	344-28404	
Q2886	SN7002 SOT23 0A19 60V NCH	Transistor	344-29134	
Q2891	SN7002 SOT23 0A19 60V NCH	Transistor	344-29134	
Q2893	SN7002 SOT23 0A19 60V NCH	Transistor	344-29134	
Q2902	BC847BW SOT323	Transistor	344-27272	
Q2951	BC847BW SOT323	Transistor	344-27272	
Q2953	BC857BW SOT323	Transistor	344-28404	
Q2957	BC847BW SOT323	Transistor	344-27272	
Q2961	BC847BW SOT323	Transistor	344-27272	
	QUARZE/FILTER	**QUARTZES**		
X2048	18,432000 MHz HC49U	Crystal Oscillator	385-25502	
X2283	20,250000 MHz HC49U	Crystal Oscillator	385-26686	
X2336	12,000000 MHz HC49U CL=12PF	Crystal Oscillator	385-29247	
X2513	20,250000 MHz HC49U	Crystal Oscillator	385-26686	092
X2513	20,250000 MHz HC49U	Crystal Oscillator	385-26686	093
X2531	12,000000 MHz HC49U CL=12PF	Crystal Oscillator	385-29247	
X2876	6,000000 MHz HC49U CL=20PF	Crystal Oscillator	385-29248	
	WIDERSTÄNDE	**RESISTORS**		
R1168	10R J 0207 0,25W WIDSI	RESISTOR	366-20353	
R1268	10R J 0207 0,25W WIDSI	RESISTOR	366-20353	
R1711	10R J 0207 0,25W WIDSI	RESISTOR	366-20353	
R1731	10R J 0207 0,25W WIDSI	RESISTOR	366-20353	
R1780	10R J 0207 0,25W WIDSI	RESISTOR	366-20353	
R1811	10R J 0207 0,25W WIDSI	RESISTOR	366-20353	
R1871	10R J 0207 0,25W WIDSI	RESISTOR	366-20353	
R1929	10R J 0207 0,25W WIDSI	RESISTOR	366-20353	
	SMD TEILE	**SMD PARTS**		
D1237	ZD5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	
D1416	ZD5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	
D1564	ZD5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	
D1717	ZD5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	
D1919	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D1922	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
D1931	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D1932	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D1937	ZD5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	
D1981	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2031	ZD5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	
D2091	ZD12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D2092	ZD12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	
D2097	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2549	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2559	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2567	Diode LL 103 C	Diode	351-16947	
D2572	ZD5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758	
D2574	Diode LL 103 C	Diode	351-16947	
D2581	ZD20V0 J 0W5 SOD-80 ZMM20	Diode	351-22138	
D2582	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2586	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2591	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2592	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2594	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2596	Diode LL 103 C	Diode	351-16947	
D2607	ZD20V0 J 0W5 SOD-80 ZMM20	Diode	351-22138	
D2611	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2618	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2631	Diode LL 103 C	Diode	351-16947	
D2632	Diode LL 103 C	Diode	351-16947	
D2657	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2661	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2667	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2735	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2781	Diode LL 103 C	Diode	351-16947	
D2783	Diode LL 103 C	Diode	351-16947	
D2856	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2857	Diode LL 103 C	Diode	351-16947	
D2930	ZD5V6 G 0W5 SOD-80 ZMM5.6	Diode	351-22580	
D2964	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
D2967	Diode 0,2A 75V SOD80 LL4148	Diode	351-15015	
Q1158	BC847BW SOT323	Transistor	344-27272	
Q1258	BC847BW SOT323	Transistor	344-27272	

Signal Board Q2500B — Art.-Nr. 88176.090-093

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
Q1441	BC847BW SOT323	Transistor	344-27272	
Q1466	BC857BW SOT323	Transistor	344-28404	
Q1771	BC847BW SOT323	Transistor	344-27272	
Q1824	BC847BW SOT323	Transistor	344-27272	
Q2476	BC847BW SOT323	Transistor	344-27272	
Q2594	BC847BW SOT323	Transistor	344-27272	
Q2671	BC847BW SOT323	Transistor	344-27272	
Q2752	BC847BW SOT323	Transistor	344-27272	
Q2768	BC847BW SOT323	Transistor	344-27272	
Q2883	SN7002 SOT23 0A19 60V NCH	Transistor	344-29134	
Q2888	SN7002 SOT23 0A19 60V NCH	Transistor	344-29134	
Q2943	BC847BW SOT323	Transistor	344-27272	
Q2966	BC857BW SOT323	Transistor	344-28404	

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	ALLGEM.MECHAN.TEILE	**COMMON MECHANICAL PARTS**		
14	Wärmeleitfolie 10x10mm	Plasticband	190-29724.001	050
15	Wärmeleitfolie 25X25MM	Plasticband	190-29724.002	050
	INTEGR.SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I7051	ICMOS STI5500BVA/BVB PQSP208	Integrated Circuit	350-27822	050
I7081	IC 3.3V 0,8A SO08 Volt. Regulator	Integrated Circuit	350-27212	050
I7091	IC 3.3V 0,8A SO08 Volt. Regulator	Integrated Circuit	350-27212	050
I7251	ICMOS 74 HCT125 SMD	Integrated Circuit	350-15523	050
I7301	ICMOS KM416V# TSOP50 60ns DRAM	Integrated Circuit	350-28457	050
I7311	ICMOS KM416V# TSOP50 60ns DRAM	Integrated Circuit	350-28457	050
I7321	ICMOS AT 29LV010A-15TC/20TC/25TC TSOP-32	Integrated Circuit	350-	
27821	050			
I7331	ICMOS TE28F008B3T90 TSOP40	Integrated Circuit	350-28456	050
I7341	ICMOS TE28F008B3T90 TSOP40	Integrated Circuit	350-28456	050
I7371	ICMOS KM416S# TSOP50 80ns SDRAM	Integrated Circuit	350-28459	050
I7381	ICMOS KM416S# TSOP50 80ns SDRAM	Integrated Circuit	350-28459	050
I7431	ICMOS MK2727STR SO-8	Integrated Circuit	350-28090	050
I7551	IC UC3843# SO8 V-CONT	Integrated Circuit	350-29258	050
I7577	ICMOS HEF4053D SO16	Integrated Circuit	350-24881	050
I7701	IC 3.3V 0,8A SO08 Volt. Regulator	Integrated Circuit	350-27212	050
I7721	IC STV0299B TQFP64	Integrated Circuit	350-29049	050
I7861	ICMOS CS 4334 SO8	Integrated Circuit	350-27826	050
I7901	IC LM2574M-ADJ 0,5A M14B	Integrated Circuit	350-28497	050
I7931	IC-VR 12V00 G 0A25 CDT120 4931	Integrated Circuit	350-29256	050
I7981	I.C. TL 7702 ACD SO-8 LV 030	Integrated Circuit	350-27827	050
	QUARZE/FILTER	**QUARTZES**		
X7436	13,500000 MHz HC49U	Crystal Oscillator	385-18287	050
X7758	4,000000 MHz HC49U	Crystal Oscillator	385-17297	050

DVB1-Modul DVB1 Module Art.-Nr. 88223.050

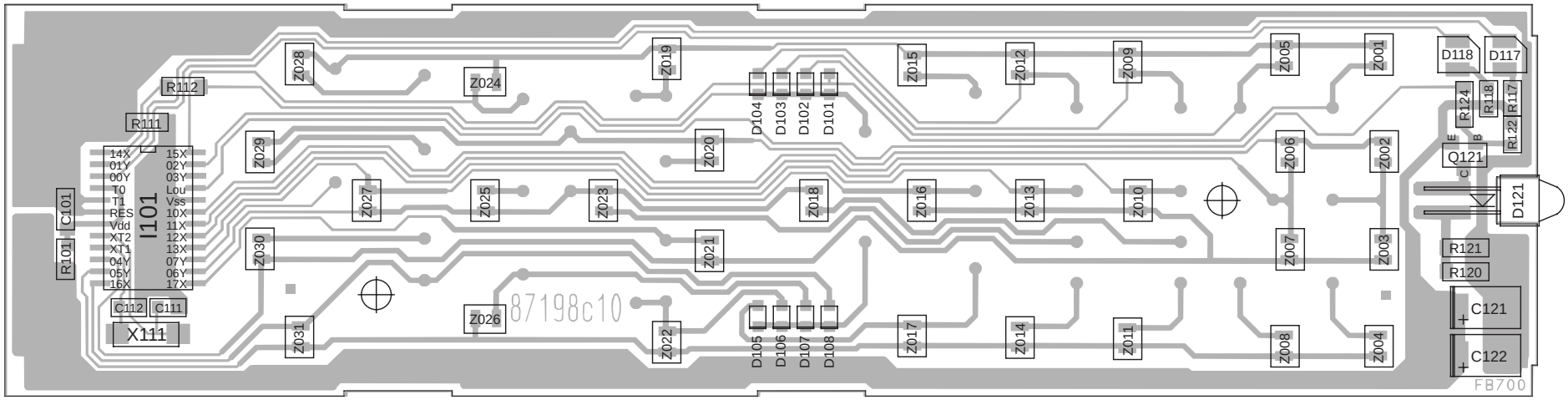
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
D7206	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7212	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7232	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7239	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7242	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7249	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7346	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D7465	LL 103 C	Diode	351-16947	050
D7466	LL 103 C	Diode	351-16947	050
D7554	3,0A 40V SOD6 Schottky	Diode	351-28529	050
D7761	1,0A 600V	Diode	351-20547	050
D7902	3,0A 40V SOD6 Schottky	Diode	351-28529	050
Q7156	BC847BW SOT323	Transistor	344-27272	050
Q7201	BC857BW SOT323	Transistor	344-28404	050
Q7211	BC847BW SOT323	Transistor	344-27272	050
Q7230	BC857BW SOT323	Transistor	344-28404	050
Q7231	BC847BW SOT323	Transistor	344-27272	050
Q7235	BC857BW SOT323	Transistor	344-28404	050
Q7240	BC857BW SOT323	Transistor	344-28404	050
Q7241	BSV52 SOT23	Transistor	344-16207	050
Q7245	BC857BW SOT323	Transistor	344-28404	050
Q7257	BC847BW SOT323	Transistor	344-27272	050
Q7341	BC857BW SOT323	Transistor	344-28404	050
Q7551	17NE03# TO252 17A0 30V NCH	Transistor	344-29257	050
Q7577	SN7002 SOT23 0A19 60V NCH	Transistor	344-29134	050
Q7580	BC847BW SOT323	Transistor	344-27272	050
Q7581	BC857BW SOT323	Transistor	344-28404	050
Q7586	BC847BW SOT323	Transistor	344-27272	050
Q7592	BC847BW SOT323	Transistor	344-27272	050
Q7812	BC857BW SOT323	Transistor	344-28404	050
Q7822	BC857BW SOT323	Transistor	344-28404	050
Q7832	BC857BW SOT323	Transistor	344-28404	050
Q7842	BC857BW SOT323	Transistor	344-28404	050
Q7852	BC857BW SOT323	Transistor	344-28404	050

Bedienteil Control Module Art.-Nr. 88227.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
L8101	Relay 5V0 62R 16A 1-pol. 29x16x13	Relay	387-29279	050
T8101	Trafo Standby Q2500 EF16-4,7	Power Transformer	490-29284	050
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
H8206	Halter/Diode	Holder	602-27977	050
H8207	Halter/Diode	Holder	602-27977	050
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
10	IR-Empfänger TSOP-1136SF1	Coupler	353-28926	050
I8123	TL 431ACLP	Integrated Circuit	349-19817.020	050
I8131	VIPER12# SO8	Integrated Circuit	350-29281	050
I8216	IR-Empfänger TSOP-1136SF1	Coupler	353-28926.Y20	050
	DIODEN	**DIODES**		
10	LED 3mm grün klar	Coupler	353-28978	050
10	LED 3mm rot klar eingefärbt	Coupler	353-28981	050
D8133	Gleichrichter DF 08 S	Rectifier	354-25837	050
D8206	LED 3mm grün klar	Coupler	353-28978Y20	050
D8207	LED 3mm rot klar eingefärbt	Coupler	353-28981.Y20	050
I8122	Opto-Koppler DIP4 80V 50/80mA	Coupler	353-28638	050
	SCHALTER	**SWITCHES**		
S8201	Taster 5x3mm liegend	Switch	467-28928	050
S8202	Taster 5x3mm liegend	Switch	467-28928	050
S8203	Taster 5x3mm liegend	Switch	467-28928	050
S8101	Netzschalter VTROS 8022 LORL	Switch	471-28927	050
	SICHERUNGEN	**FUSES**		
F8133	630mA T 250V 8x8	Fuse	380-13837.020	050
	KONDENSATOREN	**CAPACITORS**		
C8133	4U7 M 400V	Electrolytic Capacitor	360-29280.020	050

Bedienteil Control Module Art.-Nr. 88227.050

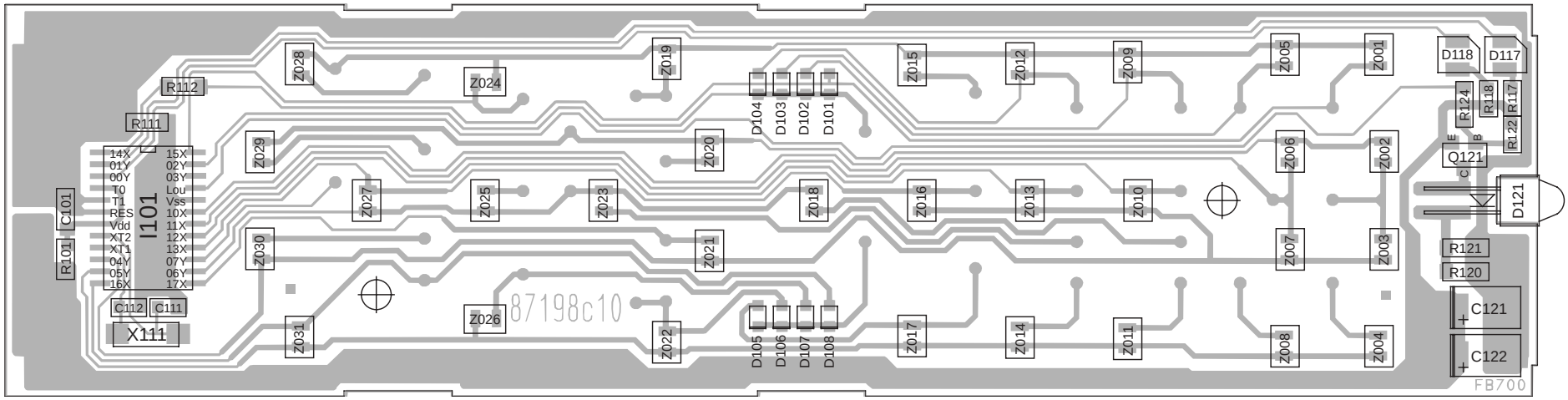
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SMD TEILE	**SMD PARTS**		
D8106	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D8111	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D8112	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D8114	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D8121	1,0A 200V DO214AC FAST-GP	Diode	351-25539	050
D8131	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D8138	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D8201	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	050
D8202	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	050
D8204	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	050
D8281	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D8282	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D8331	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	050
D8336	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532	050
D8391	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D8392	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D8491	0,2A 75V SOD80 LL4148	Diode	351-15015	050
D8492	0,2A 75V SOD80 LL4148	Diode	351-15015	050
Q8111	BC847BW SOT323	Transistor	344-27272	050
Q8114	BC847BW SOT323	Transistor	344-27272	050
Q8202	BC847BW SOT323	Transistor	344-27272	050



Ltpl. IR-Fernbedienung 396-87198C
Lötseite
Infrared remote control PCB 396-87198C
Solder side

IR-Fernbedienung IR remote control Art.-Nr. 87000.050

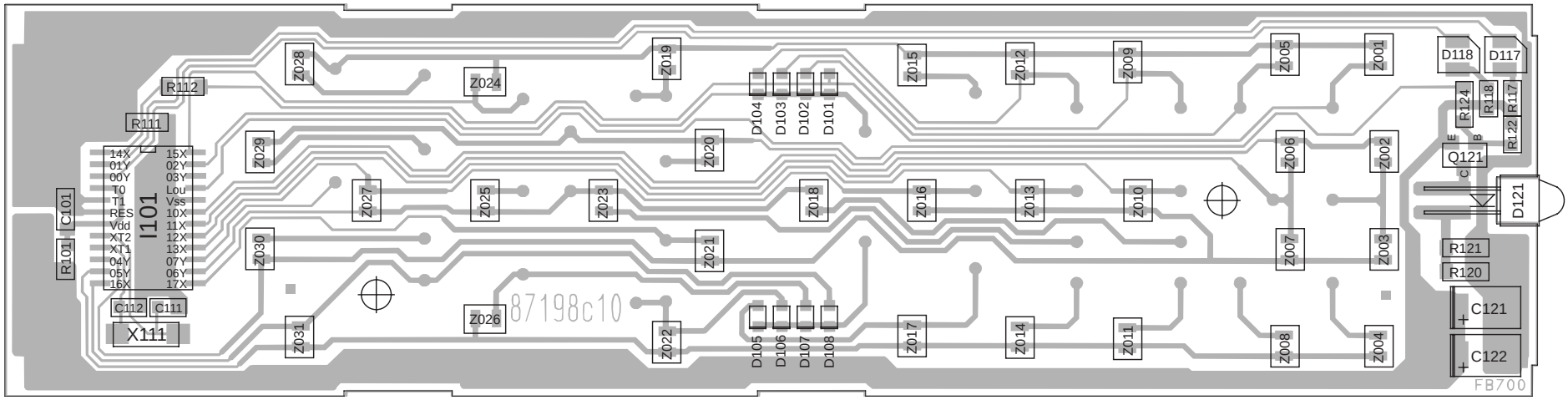
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	GEBER-ERSATZTEILE	**SPARE PARTS FOR TRANSMITTER**		
20	Batteriefeder	Spring	739-87217001	050
20	Batteriefeder	Spring	739-87217001	050
20	Gehäuse-Oberteil Control 100	Cover	756-87265002	050
25	Lichtleiter	Window	666-87274001	050
30	Kontaktmatte Control 100	Spring Contact	309-87266001	050
70	Gehäuse-Unterteil Control 100/200 schw	Cover	756-87264002	050
80	Batteriefeder 2-fach	Spring	739-85279001	050
90	Batteriedeckel Control 100/200/201/USA	Cover	756-87215002	050
D101	Diode BAS216 SOD110	Diode	351-27279	050
D105	Diode BAS216 SOD110	Diode	351-27279	050
D107	Diode BAS216 SOD110	Diode	351-27279	050
D117	LED LG T679 SMD	Coupler	353-27021	050
D118	LED LG T679 SMD	Coupler	353-27021	050
D121	Diode LED F.D.SFH 4515	Coupler	353-27024	050
D121	Diode LED F.D.SFH 4515	Coupler	353-27024	050
I101	ICMOS PCA84C122AT-231	Integrated Circuit	350-27787	050
Q121	Transistor BCX17 SOT23	Transistor	344-25509	050
X111	Piezo Filter 4,30 MHz MELF 2,8x7	Ceramic Filter	386-27022	050



Ltpl. IR-Fernbedienung 396-87198C
Lötseite
Infrared remote control PCB 396-87198C
Solder side

IR-Fernbedienung IR remote control Art.-Nr. 87000.052

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	GEBER-ERSATZTEILE	**SPARE PARTS FOR TRANSMITTER**		
20	Batteriefeder	Spring	739-87217001	052
20	Batteriefeder	Spring	739-87217001	052
20	Gehäuse-Oberteil neutral	Cover	756-87265008	052
25	Lichtleiter	Window	666-87274001	052
30	Kontaktmatte Control 100	Spring Contact	309-87266001	052
70	Gehäuse-Unterteil Control 100/200 sw	Cover	756-87264002	052
80	Batteriefeder 2-fach	Spring	739-85279001	052
90	Batteriedeckel Control 100/200/201/USA	COVER	756-87215002	052
D101	Diode BAS216 SOD110	Diode	351-27279	052
D105	Diode BAS216 SOD110	Diode	351-27279	052
D107	Diode BAS216 SOD110	Diode	351-27279	052
D117	LED LG T679 SMD	Coupler	353-27021	052
D118	LED LG T679 SMD	Coupler	353-27021	052
D121	Diode LED F.D.SFH 4515	Coupler	353-27024	052
I101	ICMOS PCA84C122AT-231	Integrated Circuit	350-27787	052
Q121	Transistor BCX17 SOT23	Transistor	344-25509	052
X111	Piezo Filter 4,30 MHz MELF 2,8x7	Ceramic Filter	386-27022	052



Ltpl. IR-Fernbedienung 396-87000.060 - 87198C
Lötseite
Infrared remote control PCB 396-87000.060 - 87198C
Solder side

IR-Fernbedienung IR remote control Art.-Nr. 87000.060

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	GEBER-ERSATZTEILE	**SPARE PARTS FOR TRANSMITTER**		
20	Batteriefeder	Spring	739-87217001	060
20	Gehäuse-Oberteil Arktis	Cover	756-87265001	060
25	Lichtleiter	Window	666-87274001	060
30	Kontaktmatte Control 150	Spring Contact	309-87267001	060
70	Gehäuse-Unterteil Arktis	Cover	756-87264001	060
80	Batteriefeder 2-fach	Sring	739-85279001	060
90	Batteriedeckl Arktis	Cover	756-87215001	060
D105	Diode BAS216 SOD110	Diode	351-27279	060
D117	LED LG T679 SMD	Coupler	353-27021	060
D118	LED LG T679 SMD	Coupler	353-27021	060
D121	Diode LED F.D.SFH 4515	Coupler	353-27024	060
I101	ICMOS PCA84C122AT-231	Integrated Circiut	350-27787	060
Q121	Transistor BCX17 SOT23	Transistor	344-25509	060
X111	Piezo Filter 4,30 MHZ MELF 2,8x7	Ceramic Filter	386-27022	060

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	BAUGRUPPEN	**UNITS**		
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	055
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	065
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	066
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	076
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	081
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	083
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	086
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	087
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	091
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	093
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	096
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	098
U202	Tuner-ZF M Multisystem MN/BG-DK	Tuner	260-87271.051	099
U202	Tuner-ZF D Dualsystem BG-DK	Tuner	260-87273.051	080
U202	Tuner-ZF D Dualsystem BG-DK	Tuner	260-87273.051	082
U202	Tuner-ZF D Dualsystem BG-DK	Tuner	260-87273.051	084
U202	Tuner-ZF D Dualsystem BG-DK	Tuner	260-87273.051	090
U202	Tuner-ZF D Dualsystem BG-DK	Tuner	260-87273.051	094
U202	Tuner-ZF D Dualsystem BG-DK	Tuner	260-87273.051	095
U202	Tuner-ZF D Dualsystem BG-DK	Tuner	260-87273.051	097
U203	Tuner-ZF EPAS Eurosys. mit Ant.-Splitter	Tuner	260-87998.050	055
U203	Tuner-ZF EPAS Eurosys. mit Ant.-Splitter	Tuner	260-87998.050	065
U203	Tuner-ZF EPAS Eurosys. mit Ant.-Splitter	Tuner	260-87998.050	066
U203	Tuner-ZF EPAS Eurosys. mit Ant.-Splitter	Tuner	260-87998.050	076
U203	Tuner-ZF EPAS Eurosys. mit Ant.-Splitter	Tuner	260-87998.050	080
U203	Tuner-ZF EPAS Eurosys. mit Ant.-Splitter	Tuner	260-87998.050	084
U203	Tuner-ZF EPAS Eurosys. mit Ant.-Splitter	Tuner	260-87998.050	086
U203	Tuner-ZF EPAS Eurosys. mit Ant.-Splitter	Tuner	260-87998.050	087
U203	Tuner-ZF EPAS Eurosys. mit Ant.-Splitter	Tuner	260-87998.050	090
U203	Tuner-ZF EPAS Eurosys. mit Ant.-Splitter	Tuner	260-87998.050	093
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
L202	Dr. 47U K SMCC FASTRON	Choke	298-16925	
L203	Dr. 4330 030 38100 VAL	Choke	298-14399	
L533	FE-Dr. 0U7 6x5	Choke	298-27471.Y03	
L534	DR-RA 150U K 10x15	Choke	298-79726.020	
L537	Spule 510U K SP-U15	Coil	297-14691	081
L538	LIN-Regler 4,6UH	Deflection Unit	278-24475	091
L538	LIN-Regler	Deflection Unit	278-26787	055

Basic-Board **Basic Board** **Art.-Nr. 88175.055-099**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
L538	LIN-Regler	Deflection Unit	278-26787	080
L538	LIN-Regler	Deflection Unit	278-26787	082
L538	LIN-Regler	Deflection Unit	278-26787	083
L538	LIN-Regler	Deflection Unit	278-26787	086
L538	LIN-Regler	Deflection Unit	278-26981	081
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	066
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	076
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	084
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	087
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	090
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	093
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	094
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	095
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	096
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	097
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	098
L538	LIN-Regler 5,4UH	Deflection Unit	278-27544	099
L538	LIN-Regler 4,1UH	Deflection Unit	278-29038	065
L619	Dr. 820U	Choke	298-28785	
T528	Treiberspule	Coil	297-23664	055
T528	Treiberspule	Coil	297-23664	065
T528	Treiberspule	Coil	297-23664	066
T528	Treiberspule	Coil	297-23664	076
T528	Treiberspule	Coil	297-23664	080
T528	Treiberspule	Coil	297-23664	082
T528	Treiberspule	Coil	297-23664	083
T528	Treiberspule	Coil	297-23664	084
T528	Treiberspule	Coil	297-23664	086
T528	Treiberspule	Coil	297-23664	087
T528	Treiberspule	Coil	297-23664	090
T528	Treiberspule	Coil	297-23664	091
T528	Treiberspule	Coil	297-23664	093
T528	Treiberspule	Coil	297-23664	094
T528	Treiberspule	Coil	297-23664	095
T528	Treiberspule	Coil	297-23664	096
T528	Treiberspule	Coil	297-23664	097
T528	Treiberspule	Coil	297-23664	098
T528	Treiberspule	Coil	297-23664	099

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
T528	Treiberspule	Coil	297-27831	081
T531	Zeilentrafo 24/28/29" Q23/41/24/414	Line Transformer	276-27003	066
T531	Zeilentrafo 24/28/29" Q23/41/24/414	Line Transformer	276-27003	084
T531	Zeilentrafo 24/28/29" Q23/41/24/414	Line Transformer	276-27003	091
T531	Zeilentrafo 24/28/29" Q23/41/24/414	Line Transformer	276-27003	093
T531	Zeilentrafo 24/28/29" Q23/41/24/414	Line Transformer	276-27003	094
T531	Zeilentrafo 24/28/29" Q23/41/24/414	Line Transformer	276-27003	095
T531	Zeilentrafo 24/28/29" Q23/41/24/414	Line Transformer	276-27003	096
T531	Zeilentrafo 24/28/29" Q23/41/24/414	Line Transformer	276-27003	099
T531	Zeilentrafo 21/24/28/33" Q23/41/24/414	Line Transformer	276-27397	065
T531	Zeilentrafo 21/24/28/33" Q23/41/24/414	Line Transformer	276-27397	081
T531	Zeilentrafo 21/24/28/33" Q23/41/24/414	Line Transformer	276-27397	082
T531	Zeilentrafo 21/24/28/33" Q23/41/24/414	Line Transformer	276-27397	083
T531	Zeilentrafo 21/24/28/33" Q23/41/24/414	Line Transformer	276-27397	097
T531	Zeilentrafo 21/24/28/33" Q23/41/24/414	Line Transformer	276-27397	098
T531	Zeilentrafo 28/32/40" Q2500	Line Transformer	276-29176	055
T531	Zeilentrafo 28/32/40" Q2500	Line Transformer	276-29176	080
T531	Zeilentrafo 28/32/40" Q2500	Line Transformer	276-29176	086
T531	Zeilentrafo 28/32/40" Q2500	Line Transformer	276-29176	090
T531	Zeilentrafo 29"RF Q2500	Line Transformer	276-29198	076
T531	Zeilentrafo 29"RF Q2500	Line Transformer	276-29198	087
T540	Trafo AT 4043/67A	Power Transformer	490-21351	055
T540	Trafo AT 4043/67A	Power Transformer	490-21351	076
T540	Trafo AT 4043/67A	Power Transformer	490-21351	080
T540	Trafo AT 4043/67A	Power Transformer	490-21351	086
T540	Trafo AT 4043/67A	Power Transformer	490-21351	087
T540	Trafo AT 4043/67A	Power Transformer	490-21351	090
T612	Dr. 2x 18mH5	Choke	298-17684	055
T612	Dr. 2x 18mH5	Choke	298-17684	065
T612	Dr. 2x 18mH5	Choke	298-17684	066
T612	Dr. 2x 18mH5	Choke	298-17684	076
T612	Dr. 2x 18mH5	Choke	298-17684	080
T612	Dr. 2x 18mH5	Choke	298-17684	082
T612	Dr. 2x 18mH5	Choke	298-17684	083
T612	Dr. 2x 18mH5	Choke	298-17684	084
T612	Dr. 2x 18mH5	Choke	298-17684	086
T612	Dr. 2x 18mH5	Choke	298-17684	087
T612	Dr. 2x 18mH5	Choke	298-17684	090

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	SPULEN/LAUTSPRECHER	**COILS,SPEAKERS**		
T612	Dr. 2x 18mH5	Choke	298-17684	091
T612	Dr. 2x 18mH5	Choke	298-17684	093
T612	Dr. 2x 18mH5	Choke	298-17684	094
T612	Dr. 2x 18mH5	Choke	298-17684	095
T612	Dr. 2x 18mH5	Choke	298-17684	096
T612	Dr. 2x 18mH5	Choke	298-17684	097
T612	Dr. 2x 18mH5	Choke	298-17684	098
T612	Dr. 2x 18mH5	Choke	298-17684	099
T612	Dr. 2x 18mH5 570 26 008 00 VOGT	Choke	298-22306	081
T639	W-Trafo Q2400 (146V)	Power Transformer	490-28636	065
T639	W-Trafo Q2400 (146V)	Power Transformer	490-28636	082
T639	W-Trafo Q2400 (146V)	Power Transformer	490-28636	083
T639	W-Trafo Q2400 (146V)	Power Transformer	490-28636	097
T639	W-Trafo Q2400 (146V)	Power Transformer	490-28636	098
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	055
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	066
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	076
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	080
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	084
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	086
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	087
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	090
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	091
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	093
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	094
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	095
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	096
T639	W-Trafo Q2400 (136V)	Power Transformer	490-28640	099
T639	W-Trafo Q4140 (146V) 21/24/28/33"	Power Transformer	490-29209	081
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
20	Aufsteckkühlkörper	Screening	509-27369	055
20	Aufsteckkühlkörper	Screening	509-27369	065
20	Aufsteckkühlkörper	Screening	509-27369	066
20	Aufsteckkühlkörper	Screening	509-27369	076
20	Aufsteckkühlkörper	Screening	509-27369	080
20	Aufsteckkühlkörper	Screening	509-27369	081
20	Aufsteckkühlkörper	Screening	509-27369	082
20	Aufsteckkühlkörper	Screening	509-27369	083

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
20	Aufsteckkühlkörper	Screening	509-27369	084
20	Aufsteckkühlkörper	Screening	509-27369	086
20	Aufsteckkühlkörper	Screening	509-27369	090
20	Aufsteckkühlkörper	Screening	509-27369	091
20	Aufsteckkühlkörper	Screening	509-27369	093
20	Aufsteckkühlkörper	Screening	509-27369	094
20	Aufsteckkühlkörper	Screening	509-27369	095
20	Aufsteckkühlkörper	Screening	509-27369	096
20	Aufsteckkühlkörper	Screening	509-27369	097
20	Aufsteckkühlkörper	Screening	509-27369	098
20	Aufsteckkühlkörper	Screening	509-27369	099
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	055
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	065
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	066
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	076
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	080
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	081
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	082
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	083
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	084
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	086
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	090
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	091
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	093
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	094
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	095
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	096
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	097
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	098
30	Linsenschraube AM 3x10 brüniert	Screw	432-74571	099
H 01	Sicherungshalter für SI 5x20	Fuseholder Spring	730-20061	
H 02	Sicherungshalter für SI 5x20	Fuseholder Spring	730-20061	
H474	Montageclip	Spring	739-87529.001	
H484	Montageclip	Spring	739-87529.001	
H534	Montageclip	Spring	739-87529.001	
H539	Montageclip	Spring	739-87529.001	
H560	Montageclip	Spring	739-87529.001	
H561	Montageclip	Spring	739-87529.001	

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	ALLGEM. MECHAN. TEILE	**COMMON MECHANICAL PARTS**		
H562	Glimmerscheibe 16x21	Insulating Piece	421-10881	
H586	Montageclip	Spring	739-87529.001	
H587	Glimmerscheibe 16x21	Insulating Piece	421-10881	
H621	Kabelhalter	Cable Binding	530-29601	
H623	Montageclip	Spring	739-87529.001	
H624	Montageclip	Spring	739-87529.001	
H625	Glimmerscheibe 16x21	Insulating Piece	421-10881	
H652	Montageclip	Spring	739-87529.001	
H663	Montageclip	Spring	739-87529.001	
H671	Montageclip	Spring	739-87529.001	
H674	Montageclip	Spring	739-87529.001	
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
1	L7808ACV TO220	Integrated Circuit	349-21780	087
1	L7808 ACV	Integrated Circuit	349-21780.Y20	087
1	L78S09CV	Integrated Circuit	349-24013	087
1	L79S09CV	Integrated Circuit	349-24013.040	087
1	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	087
10	L7808 ACV	Integrated Circuit	349-21780.Y20	055
10	L7808 ACV	Integrated Circuit	349-21780.Y20	065
10	L7808 ACV	Integrated Circuit	349-21780.Y20	066
10	L7808 ACV	Integrated Circuit	349-21780.Y20	076
10	L7808 ACV	Integrated Circuit	349-21780.Y20	080
10	L7808 ACV	Integrated Circuit	349-21780.Y20	081
10	L7808 ACV	Integrated Circuit	349-21780.Y20	082
10	L7808 ACV	Integrated Circuit	349-21780.Y20	083
10	L7808 ACV	Integrated Circuit	349-21780.Y20	084
10	L7808 ACV	Integrated Circuit	349-21780.Y20	086
10	L7808 ACV	Integrated Circuit	349-21780.Y20	090
10	L7808 ACV	Integrated Circuit	349-21780.Y20	091
10	L7808 ACV	Integrated Circuit	349-21780.Y20	093
10	L7808 ACV	Integrated Circuit	349-21780.Y20	094
10	L7808 ACV	Integrated Circuit	349-21780.Y20	095
10	L7808 ACV	Integrated Circuit	349-21780.Y20	096
10	L7808 ACV	Integrated Circuit	349-21780.Y20	097
10	L7808 ACV	Integrated Circuit	349-21780.Y20	098
10	L7808 ACV	Integrated Circuit	349-21780.Y20	099
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	055
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	065

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	066
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	076
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	080
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	081
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	082
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	083
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	084
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	086
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	090
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	091
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	093
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	094
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	095
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	096
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	097
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	098
10	L78S09CV geschnitten	Integrated Circuit	349-24013.Y18	099
10	L78S09CV	Integrated Circuit	349-24013.Y22	084
I474	TDA7296	Integrated Circuit	349-28414	
I484	TDA7296	Integrated Circuit	349-28414	
I500	TDA5637 SOT340	Integrated Circuit	350-27278	080
I500	TDA5637 SOT340	Integrated Circuit	350-27278	090
I561	TDA8177	Integrated Circuit	349-26528	055
I561	TDA8177	Integrated Circuit	349-26528	066
I561	TDA8177	Integrated Circuit	349-26528	081
I561	TDA8177	Integrated Circuit	349-26528	082
I561	TDA8177	Integrated Circuit	349-26528	083
I561	TDA8177	Integrated Circuit	349-26528	084
I561	TDA8177	Integrated Circuit	349-26528	091
I561	TDA8177	Integrated Circuit	349-26528	093
I561	TDA8177	Integrated Circuit	349-26528	094
I561	TDA8177	Integrated Circuit	349-26528	095
I561	TDA8177	Integrated Circuit	349-26528	096
I561	TDA8177	Integrated Circuit	349-26528	097
I561	TDA8177	Integrated Circuit	349-26528	098
I561	TDA8177	Integrated Circuit	349-26528	099
I561	STV9379A HEPTAWATT Vert.-Ablenkung	Integrated Circuit	349-28945	076
I561	STV9379A HEPTAWATT Vert.-Ablenkung	Integrated Circuit	349-28945	087

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	INTEGR. SCHALTUNGEN	**INTEGRATED CIRCUITS**		
I561	STV9379FA HEPTAWATT Vert.-Ablenkung	Integrated Circuit	349-29150	065
I561	STV9379FA HEPTAWATT Vert.-Ablenkung	Integrated Circuit	349-29150	080
I561	STV9379FA HEPTAWATT Vert.-Ablenkung	Integrated Circuit	349-29150	086
I561	STV9379FA HEPTAWATT Vert.-Ablenkung	Integrated Circuit	349-29150	090
I569	TL 431ACLP	Integrated Circuit	349-19817.020	
I600	TSA5523M SOT266	Integrated Circuit	350-27275	080
I600	TSA5523M SOT266	Integrated Circuit	350-27275	090
I611	TDA4605-3/TDA4605	Integrated Circuit	349-22113	
I663	L7808ACV vormontiert	Integrated Circuit	349-21780.050	
I669	Opto-Koppler DIP4 80V 50/80mA	Coupler	353-28638	
I670	TL 431ACLP	Integrated Circuit	349-19817.020	
I674	TL 431ACLP	Integrated Circuit	349-19817.020	
I676	TL 431ACLP	Integrated Circuit	349-19817.020	
I691	L78S09CV vormontiert	Integrated Circuit	349-24013.051	
I800	TDA9817 TS-SSOP24	Integrated Circuit	350-28929	080
I800	TDA9817 TS-SSOP24	Integrated Circuit	350-28929	090
	TRANSISTOREN	**TRANSISTORS**		
1	POWBIPO ISOW218 NPN 1500V 10A 50W	Transistor	346-25708	087
10	SILPOW TO220FP PNP 80V 3A 24W	Transistor	346-28633	055
Q469	BC547B TO92	Transistor	346-74983.020	055
Q469	BC547B TO92	Transistor	346-74983.020	076
Q469	BC547B TO92	Transistor	346-74983.020	080
Q469	BC547B TO92	Transistor	346-74983.020	084
Q469	BC547B TO92	Transistor	346-74983.020	086
Q469	BC547B TO92	Transistor	346-74983.020	087
Q469	BC547B TO92	Transistor	346-74983.020	094
Q526	SILPLAN TO92 NPN 100V 2A 1W	Transistor	346-20796.020	
Q531	ZTX712 E-LINE	Transistor	346-27659.020	
Q532	ZTX614 E-LINE	Transistor	346-27660.020	
Q533	BF422 TO92	Transistor	346-11562.020	
Q534	POWBIPO ISOW218 vormontiert	Transistor	346-25708.Y20	
Q562	POWMOS TO220FP NCH 50V 10A 30W	Transistor	346-18528	
Q582	BC556B	Transistor	346-74967.020	
Q585	BC547B TO92	Transistor	346-74983.020	
Q586	BD537 TO220A	Transistor	346-77764	
Q589	BC557B	Transistor	346-74878.020	
Q593	BC557B	Transistor	346-74878.020	
Q596	BC556B	Transistor	346-74967.020	

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	TRANSISTOREN	**TRANSISTORS**		
Q597	BC547B TO92	Transistor	346-74983.020	
Q624	POWMOS TO220 NCH 600V 8A	Transistor	346-28957	
Q663	POWMOS TO220FP NCH 50V 10A 30W	Transistor	346-18528	
Q674	POWMOS TO220FP NCH 50V 10A 30W	Transistor	346-18528	
Q681	BC557B	Transistor	346-74878.020	055
Q682	SILPOW TO220FP PNP 80V 3A 24W	Transistor	346-28633.Y22	055
	DIODEN	**DIODES**		
1	3,0A 40V DO27 Schottky	Diode	352-12657	087
1	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	087
1	10,0A 200V ISOWATT220AC	Diode	352-28625	087
1	10,0A 200V geschnitten	Diode	352-28625.Y20	087
1	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	087
10	3,0A 40V DO27 Schottky	Diode	352-12657	055
10	3,0A 40V DO27 Schottky	Diode	352-12657	065
10	3,0A 40V DO27 Schottky	Diode	352-12657	066
10	3,0A 40V DO27 Schottky	Diode	352-12657	076
10	3,0A 40V DO27 Schottky	Diode	352-12657	080
10	3,0A 40V DO27 Schottky	Diode	352-12657	081
10	3,0A 40V DO27 Schottky	Diode	352-12657	082
10	3,0A 40V DO27 Schottky	Diode	352-12657	083
10	3,0A 40V DO27 Schottky	Diode	352-12657	084
10	3,0A 40V DO27 Schottky	Diode	352-12657	086
10	3,0A 40V DO27 Schottky	Diode	352-12657	090
10	3,0A 40V DO27 Schottky	Diode	352-12657	091
10	3,0A 40V DO27 Schottky	Diode	352-12657	093
10	3,0A 40V DO27 Schottky	Diode	352-12657	094
10	3,0A 40V DO27 Schottky	Diode	352-12657	095
10	3,0A 40V DO27 Schottky	Diode	352-12657	096
10	3,0A 40V DO27 Schottky	Diode	352-12657	097
10	3,0A 40V DO27 Schottky	Diode	352-12657	098
10	3,0A 40V DO27 Schottky	Diode	352-12657	099
10	3,0A 200V DO201AD UFAST-GP	Diode	352-24689	084
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	055
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	065
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	066
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	076
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	080
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	081

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	DIODEN	**DIODES**		
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	082
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	083
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	084
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	086
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	090
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	091
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	093
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	094
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	095
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	096
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	097
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	098
10	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.010	099
10	10,0A 200V ISOWATT220AC	Diode	352-28625	055
10	10,0A 200V ISOWATT220AC	Diode	352-28625	065
10	10,0A 200V ISOWATT220AC	Diode	352-28625	066
10	10,0A 200V ISOWATT220AC	Diode	352-28625	076
10	10,0A 200V ISOWATT220AC	Diode	352-28625	080
10	10,0A 200V ISOWATT220AC	Diode	352-28625	081
10	10,0A 200V ISOWATT220AC	Diode	352-28625	082
10	10,0A 200V ISOWATT220AC	Diode	352-28625	083
10	10,0A 200V ISOWATT220AC	Diode	352-28625	084
10	10,0A 200V ISOWATT220AC	Diode	352-28625	086
10	10,0A 200V ISOWATT220AC	Diode	352-28625	090
10	10,0A 200V ISOWATT220AC	Diode	352-28625	091
10	10,0A 200V ISOWATT220AC	Diode	352-28625	093
10	10,0A 200V ISOWATT220AC	Diode	352-28625	094
10	10,0A 200V ISOWATT220AC	Diode	352-28625	095
10	10,0A 200V ISOWATT220AC	Diode	352-28625	096
10	10,0A 200V ISOWATT220AC	Diode	352-28625	097
10	10,0A 200V ISOWATT220AC	Diode	352-28625	098
10	10,0A 200V ISOWATT220AC	Diode	352-28625	099
10	10,0A 200V geschnitten	Diode	352-28625.Y20	055
10	10,0A 200V geschnitten	Diode	352-28625.Y20	065
10	10,0A 200V geschnitten	Diode	352-28625.Y20	066
10	10,0A 200V geschnitten	Diode	352-28625.Y20	076
10	10,0A 200V geschnitten	Diode	352-28625.Y20	080
10	10,0A 200V geschnitten	Diode	352-28625.Y20	081

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	DIODEN	**DIODES**		
10	10,0A 200V geschnitten	Diode	352-28625.Y20	082
10	10,0A 200V geschnitten	Diode	352-28625.Y20	083
10	10,0A 200V geschnitten	Diode	352-28625.Y20	084
10	10,0A 200V geschnitten	Diode	352-28625.Y20	086
10	10,0A 200V geschnitten	Diode	352-28625.Y20	090
10	10,0A 200V geschnitten	Diode	352-28625.Y20	091
10	10,0A 200V geschnitten	Diode	352-28625.Y20	093
10	10,0A 200V geschnitten	Diode	352-28625.Y20	094
10	10,0A 200V geschnitten	Diode	352-28625.Y20	095
10	10,0A 200V geschnitten	Diode	352-28625.Y20	096
10	10,0A 200V geschnitten	Diode	352-28625.Y20	097
10	10,0A 200V geschnitten	Diode	352-28625.Y20	098
10	10,0A 200V geschnitten	Diode	352-28625.Y20	099
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	055
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	065
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	066
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	076
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	080
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	081
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	082
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	083
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	084
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	086
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	090
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	091
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	093
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	094
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	095
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	096
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	097
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	098
10	3,0A 300V DO201AD UFAST-GP	Diode	352-29726	099
D203	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	080
D203	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	090
D204	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	080
D204	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	090
D206	ZD 30V0 2%	Diode	352-15763	
D222	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	080

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	DIODEN	**DIODES**		
D222	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	090
D241	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	080
D241	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	090
D242	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	080
D242	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	090
D303	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	080
D303	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	090
D304	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	080
D304	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	090
D322	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	080
D322	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	090
D341	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	080
D341	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	090
D403	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	080
D403	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	090
D422	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	080
D422	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	090
D441	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	080
D441	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	090
D474	1 N 4148 DO35	Diode	352-31818	
D491	1 N 4148 DO35	Diode	352-31818	
D508	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	080
D508	DIOVC 0A02 30V SOD323 BB640	Diode	351-26568	090
D526	1 N 4148 DO35	Diode	352-31818	
D527	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	080
D527	DIOVC 0A02 30V SOD323 BB639	Diode	351-26571	090
D527	EU 02V0	Diode	352-20289	
D531	1,0A 400V DO41 FAST-GP	Diode	352-20685	
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	055
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	065
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	066
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	076
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	080
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	082
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	083
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	084
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	086
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	087

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	DIODEN	**DIODES**		
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	090
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	091
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	093
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	094
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	095
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	096
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	097
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	098
D532	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	099
D533	BA 157	Diode	352-44799	
D537	3,0A 40V DO27	Diode	352-12657.Y10	
D539	ESC011M	Diode	352-23667	
D541	BA 157	Diode	352-44799	
D546	BA 157	Diode	352-44799	
D547	BA 159	Diode	352-49148	
D548	1 N 4148 DO35	Diode	352-31818	
D549	ZD 30V0 2%	Diode	352-15763	
D551	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	080
D551	DIOVC 0A02 30V SOD323 BB535	Diode	351-26570	090
D557	1,0A 400V DO41 FAST-GP	Diode	352-20685	
D558	1,0A 400V DO41 FAST-GP	Diode	352-20685	
D561	BA 157	Diode	352-44799	
D569	ZD 12V0	Diode	352-44202	
D584	ZD 30V0 2%	Diode	352-15763	
D589	BA 157	Diode	352-44799	
D590	BA 157	Diode	352-44799	
D613	Gleichrichter B250 C3200/2200	Rectifier	354-22394	
D617	3,0A 1000V DO27A UFAST-GP	Diode	352-22712	
D622	BA 157	Diode	352-44799	
D623	STTA506F TO220	Diode	352-27866	
D636	BA 157	Diode	352-44799	
D651	3,0A 1000V DO27A UFAST-GP	Diode	352-22712	081
D652	BYT08PI-1000	Diode	352-28613	055
D652	BYT08PI-1000	Diode	352-28613	065
D652	BYT08PI-1000	Diode	352-28613	066
D652	BYT08PI-1000	Diode	352-28613	076
D652	BYT08PI-1000	Diode	352-28613	080
D652	BYT08PI-1000	Diode	352-28613	082

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	DIODEN	**DIODES**		
D652	BYT08PI-1000	Diode	352-28613	083
D652	BYT08PI-1000	Diode	352-28613	084
D652	BYT08PI-1000	Diode	352-28613	086
D652	BYT08PI-1000	Diode	352-28613	087
D652	BYT08PI-1000	Diode	352-28613	090
D652	BYT08PI-1000	Diode	352-28613	091
D652	BYT08PI-1000	Diode	352-28613	093
D652	BYT08PI-1000	Diode	352-28613	094
D652	BYT08PI-1000	Diode	352-28613	095
D652	BYT08PI-1000	Diode	352-28613	096
D652	BYT08PI-1000	Diode	352-28613	097
D652	BYT08PI-1000	Diode	352-28613	098
D652	BYT08PI-1000	Diode	352-28613	099
D656	3,0A 300V DO201AD UFAST-GP	Diode	352-29726.Y10	
D660	ZD 12V0	Diode	352-44202	
D663	10,0A 200V vormontiert BYW-80	Diode	352-28625.050	
D666	0,5A 20V DO-35 SD103C	Diode	352-17741	
D670	ZD 30V0 2%	Diode	352-15763	
D671	STPS20L40CF ISOWATT220AB 2X10A	Diode	352-20296	
D672	ZD 3V9 DO35 5% 0,5W	Diode	352-10526	
D680	ZD 100V0 DO-41 J 1,3W ZPY	Diode	352-28686	
D681	BA 157	Diode	352-44799	055
D686	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	
D687	3,0A 200V DO201AD UFAST-GP	Diode	352-25838.Y10	
D806	BAV 99W SOT323	Diode	351-27469	080
D806	BAV 99W SOT323	Diode	351-27469	090
	POTENTIOMETER	**POTENTIOMETERS**		
P662	POT 1K 6mm Kohleschicht horizont.	Potentiometer	375-22863.020	
	SICHERUNGEN	**FUSES**		
F611	3150mA T 250V 5x20 H	Fuse	380-29649	
F656	3150mA F 250V 8x8	Fuse	380-26219.020	
F661	4000mA T 250V 8x8	Fuse	380-13809.020	
F672	5000mA T 250V 8x8	Fuse	380-27665.020	
F689	630mA T 250V 8x8	Fuse	380-13837.020	055
	KONDENSATOREN	**CAPACITORS**		
C531	2N7 J 2000V	Capacitor	359-25292	055
C531	2N7 J 2000V	Capacitor	359-25292	065
C531	2N7 J 2000V	Capacitor	359-25292	066

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	KONDENSATOREN	**CAPACITORS**		
C531	2N7 J 2000V	Capacitor	359-25292	080
C531	2N7 J 2000V	Capacitor	359-25292	082
C531	2N7 J 2000V	Capacitor	359-25292	083
C531	2N7 J 2000V	Capacitor	359-25292	086
C531	2N7 J 2000V	Capacitor	359-25292	094
C531	2N7 J 2000V	Capacitor	359-25292	097
C531	2N7 J 2000V	Capacitor	359-25292	098
C531	2N7 J 2000V	Capacitor	359-25292	099
C531	3N0 J 2000V	Capacitor	359-25293	091
C531	3N0 J 2000V	Capacitor	359-25293	093
C531	3N0 J 2000V	Capacitor	359-25293	095
C531	3N0 J 2000V	Capacitor	359-25293	096
C531	1N8 J 2000V	Capacitor	359-26372	081
C531	2N2 J 2000V	Capacitor	359-26835	076
C531	2N2 J 2000V	Capacitor	359-26835	084
C531	2N2 J 2000V	Capacitor	359-26835	087
C531	2N2 J 2000V	Capacitor	359-26835	090
C538	Elko 47U M 250V	Electrolytic Capacitor	360-22941	
C539	1N2 J 2000V	Capacitor	359-24639	076
C539	1N2 J 2000V	Capacitor	359-24639	087
C539	1N2 J 2000V	Capacitor	359-24639	090
C539	1N2 J 2000V	Capacitor	359-24639	091
C539	1N0 J 2000V	Capacitor	359-29485	080
C539	1N0 J 2000V	Capacitor	359-29485	086
C540	Elko 2U2 M 350V	Electrolytic Capacitor	360-28102.020	
C541	9N4 H	Capacitor	359-25295	065
C541	9N4 H	Capacitor	359-25295	084
C541	8N8 H	Capacitor	359-25296	055
C541	8N8 H	Capacitor	359-25296	066
C541	8N8 H	Capacitor	359-25296	076
C541	8N8 H	Capacitor	359-25296	087
C541	8N8 H	Capacitor	359-25296	090
C541	8N8 H	Capacitor	359-25296	093
C541	8N8 H	Capacitor	359-25296	094
C541	8N8 H	Capacitor	359-25296	095
C541	8N8 H	Capacitor	359-25296	096
C541	8N8 H	Capacitor	359-25296	099
C541	8N4 H	Capacitor	359-26060	097

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	KONDENSATOREN	**CAPACITORS**		
C541	8N4 H	Capacitor	359-26060	098
C541	9N1 H	Capacitor	359-26619	091
C541	7N5 H 2000V	Capacitor	359-27603	080
C541	7N5 H 2000V	Capacitor	359-27603	082
C541	7N5 H 2000V	Capacitor	359-27603	083
C541	7N5 H 2000V	Capacitor	359-27603	086
C541	4N1 H 2000V	Capacitor	359-28113	081
C542	600N J 250V	Capacitor	359-24450	091
C542	600N J 250V	Capacitor	359-24450	093
C542	600N J 250V	Capacitor	359-24450	095
C542	600N J 250V	Capacitor	359-24450	096
C542	470N J 250V	Capacitor	359-25257	081
C542	470N J 250V	Capacitor	359-25257	082
C542	470N J 250V	Capacitor	359-25257	083
C542	520N J 250V	Capacitor	359-25886	055
C542	520N J 250V	Capacitor	359-25886	066
C542	520N J 250V	Capacitor	359-25886	076
C542	520N J 250V	Capacitor	359-25886	080
C542	520N J 250V	Capacitor	359-25886	084
C542	520N J 250V	Capacitor	359-25886	086
C542	520N J 250V	Capacitor	359-25886	087
C542	520N J 250V	Capacitor	359-25886	090
C542	520N J 250V	Capacitor	359-25886	094
C542	520N J 250V	Capacitor	359-25886	097
C542	520N J 250V	Capacitor	359-25886	098
C542	520N J 250V	Capacitor	359-25886	099
C542	680N J 250V	Capacitor	359-28116	065
C543	30N J 630V	Capacitor	359-24472	084
C543	27N J 630V	Capacitor	359-25294	091
C543	10N J 630V	Capacitor	359-26487	081
C543	22N J 630V	Capacitor	359-26531	065
C543	25N J 630V	Capacitor	359-27012	055
C543	25N J 630V	Capacitor	359-27012	066
C543	25N J 630V	Capacitor	359-27012	076
C543	25N J 630V	Capacitor	359-27012	080
C543	25N J 630V	Capacitor	359-27012	082
C543	25N J 630V	Capacitor	359-27012	083
C543	25N J 630V	Capacitor	359-27012	086

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	KONDENSATOREN	**CAPACITORS**		
C543	25N J 630V	Capacitor	359-27012	087
C543	25N J 630V	Capacitor	359-27012	090
C543	25N J 630V	Capacitor	359-27012	093
C543	25N J 630V	Capacitor	359-27012	094
C543	25N J 630V	Capacitor	359-27012	095
C543	25N J 630V	Capacitor	359-27012	096
C543	25N J 630V	Capacitor	359-27012	097
C543	25N J 630V	Capacitor	359-27012	098
C543	25N J 630V	Capacitor	359-27012	099
C544	750N J 250V	Capacitor	359-16573	065
C544	750N J 250V	Capacitor	359-16573	093
C544	750N J 250V	Capacitor	359-16573	095
C544	750N J 250V	Capacitor	359-16573	096
C544	750N J 250V	Capacitor	359-16573	097
C544	750N J 250V	Capacitor	359-16573	098
C544	600N J 250V	Capacitor	359-24450	081
C544	680N J 250V	Capacitor	359-28116	055
C544	680N J 250V	Capacitor	359-28116	080
C544	680N J 250V	Capacitor	359-28116	082
C544	680N J 250V	Capacitor	359-28116	083
C544	680N J 250V	Capacitor	359-28116	086
C544	680N J 250V	Capacitor	359-28116	091
C544	900N J 160VW (250 V-)	Capacitor	359-73806	066
C544	900N J 160VW (250 V-)	Capacitor	359-73806	076
C544	900N J 160VW (250 V-)	Capacitor	359-73806	084
C544	900N J 160VW (250 V-)	Capacitor	359-73806	087
C544	900N J 160VW (250 V-)	Capacitor	359-73806	090
C544	900N J 160VW (250 V-)	Capacitor	359-73806	094
C544	900N J 160VW (250 V-)	Capacitor	359-73806	099
C545	390P J 2000V	Capacitor	359-28868	055
C545	390P J 2000V	Capacitor	359-28868	076
C545	390P J 2000V	Capacitor	359-28868	080
C545	390P J 2000V	Capacitor	359-28868	086
C545	390P J 2000V	Capacitor	359-28868	087
C545	390P J 2000V	Capacitor	359-28868	090
C546	470P K 1000V	Capacitor	357-23994.020	
C548	Elko 22U S 250V	Electrolytic Capacitor	360-11762.020	
C553	390P J 2000V	Capacitor	359-28868	055

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	KONDENSATOREN	**CAPACITORS**		
C553	390P J 2000V	Capacitor	359-28868	076
C553	390P J 2000V	Capacitor	359-28868	080
C553	390P J 2000V	Capacitor	359-28868	086
C553	390P J 2000V	Capacitor	359-28868	087
C553	390P J 2000V	Capacitor	359-28868	090
C561	Elko 22U S 250V	Electrolytic Capacitor	360-11762.020	065
C561	Elko 22U S 250V	Electrolytic Capacitor	360-11762.020	080
C561	Elko 22U S 250V	Electrolytic Capacitor	360-11762.020	086
C561	Elko 22U S 250V	Electrolytic Capacitor	360-11762.020	090
C568	470N J 100V	Capacitor	359-28078.020	
C579	470P K 1000V	Capacitor	357-23994.020	055
C579	470P K 1000V	Capacitor	357-23994.020	076
C579	470P K 1000V	Capacitor	357-23994.020	081
C579	470P K 1000V	Capacitor	357-23994.020	087
C611	470N M 275VW	Capacitor	359-28292	
C612	470N M 275VW	Capacitor	359-28292	084
C612	470N M 275VW	Capacitor	359-28292	087
C612	470N M 310VW	Capacitor	359-29681	055
C612	470N M 310VW	Capacitor	359-29681	065
C612	470N M 310VW	Capacitor	359-29681	066
C612	470N M 310VW	Capacitor	359-29681	076
C612	470N M 310VW	Capacitor	359-29681	080
C612	470N M 310VW	Capacitor	359-29681	081
C612	470N M 310VW	Capacitor	359-29681	082
C612	470N M 310VW	Capacitor	359-29681	083
C612	470N M 310VW	Capacitor	359-29681	084
C612	470N M 310VW	Capacitor	359-29681	086
C612	470N M 310VW	Capacitor	359-29681	090
C612	470N M 310VW	Capacitor	359-29681	091
C612	470N M 310VW	Capacitor	359-29681	093
C612	470N M 310VW	Capacitor	359-29681	094
C612	470N M 310VW	Capacitor	359-29681	095
C612	470N M 310VW	Capacitor	359-29681	096
C612	470N M 310VW	Capacitor	359-29681	097
C612	470N M 310VW	Capacitor	359-29681	098
C612	470N M 310VW	Capacitor	359-29681	099
C613	470N M 275VW	Capacitor	359-28292	084
C613	470N M 275VW	Capacitor	359-28292	087

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	KONDENSATOREN	**CAPACITORS**		
C613	470N M 310VW	Capacitor	359-29681	055
C613	470N M 310VW	Capacitor	359-29681	065
C613	470N M 310VW	Capacitor	359-29681	066
C613	470N M 310VW	Capacitor	359-29681	076
C613	470N M 310VW	Capacitor	359-29681	080
C613	470N M 310VW	Capacitor	359-29681	081
C613	470N M 310VW	Capacitor	359-29681	082
C613	470N M 310VW	Capacitor	359-29681	083
C613	470N M 310VW	Capacitor	359-29681	084
C613	470N M 310VW	Capacitor	359-29681	086
C613	470N M 310VW	Capacitor	359-29681	090
C613	470N M 310VW	Capacitor	359-29681	091
C613	470N M 310VW	Capacitor	359-29681	093
C613	470N M 310VW	Capacitor	359-29681	094
C613	470N M 310VW	Capacitor	359-29681	095
C613	470N M 310VW	Capacitor	359-29681	096
C613	470N M 310VW	Capacitor	359-29681	097
C613	470N M 310VW	Capacitor	359-29681	098
C613	470N M 310VW	Capacitor	359-29681	099
C614	1N0 M 250V	Capacitor	357-29162	
C619	100N M 250VW	Capacitor	359-23372	
C620	Elko 330U M 450V	Electrolytic Capacitor	360-27891	
C621	470N J 100V	Capacitor	359-28078.020	
C624	820P J 2000V	Capacitor	359-26529	
C627	150P K 1600V	Capacitor	359-13943	
C628	22N J 630V	Capacitor	359-26531	
C630	100P K 500V	Capacitor	357-20272.020	
C639	1N5 M 250V	Capacitor	357-29161	
C650	150P K 1600V	Capacitor	359-13943	
C651	Elko 47U M 250V	Electrolytic Capacitor	360-22941	
C682	680P K 500V	Capacitor	357-21183.020	055
C689	680P K 500V	Capacitor	357-21183.020	055
C689	680P K 500V	Capacitor	357-21183.020	065
C689	680P K 500V	Capacitor	357-21183.020	066
C689	680P K 500V	Capacitor	357-21183.020	076
C689	680P K 500V	Capacitor	357-21183.020	080
C689	680P K 500V	Capacitor	357-21183.020	081
C689	680P K 500V	Capacitor	357-21183.020	082

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	KONDENSATOREN	**CAPACITORS**		
C689	680P K 500V	Capacitor	357-21183.020	083
C689	680P K 500V	Capacitor	357-21183.020	086
C689	680P K 500V	Capacitor	357-21183.020	090
C689	680P K 500V	Capacitor	357-21183.020	091
C689	680P K 500V	Capacitor	357-21183.020	093
C689	680P K 500V	Capacitor	357-21183.020	094
C689	680P K 500V	Capacitor	357-21183.020	095
C689	680P K 500V	Capacitor	357-21183.020	096
C689	680P K 500V	Capacitor	357-21183.020	097
C689	680P K 500V	Capacitor	357-21183.020	098
C689	680P K 500V	Capacitor	357-21183.020	099
	WIDERSTÄNDE	**RESISTORS**		
1	0R1 K 0207 WIDSI	Resistor	366-10905	087
10	0R1 K 0207 WIDSI	Resistor	366-10905	055
10	0R1 K 0207 WIDSI	Resistor	366-10905	065
10	0R1 K 0207 WIDSI	Resistor	366-10905	066
10	0R1 K 0207 WIDSI	Resistor	366-10905	076
10	0R1 K 0207 WIDSI	Resistor	366-10905	080
10	0R1 K 0207 WIDSI	Resistor	366-10905	081
10	0R1 K 0207 WIDSI	Resistor	366-10905	082
10	0R1 K 0207 WIDSI	Resistor	366-10905	083
10	0R1 K 0207 WIDSI	Resistor	366-10905	084
10	0R1 K 0207 WIDSI	Resistor	366-10905	086
10	0R1 K 0207 WIDSI	Resistor	366-10905	090
10	0R1 K 0207 WIDSI	Resistor	366-10905	091
10	0R1 K 0207 WIDSI	Resistor	366-10905	093
10	0R1 K 0207 WIDSI	Resistor	366-10905	094
10	0R1 K 0207 WIDSI	Resistor	366-10905	095
10	0R1 K 0207 WIDSI	Resistor	366-10905	096
10	0R1 K 0207 WIDSI	Resistor	366-10905	097
10	0R1 K 0207 WIDSI	Resistor	366-10905	098
10	0R1 K 0207 WIDSI	Resistor	366-10905	099
10	22K G 0204	Resistor	367-20331	084
R206	6K8 J 0207	Resistor	366-20652	
R207	5K6 J 0207	Resistor	366-28964	
R208	6K8 J 0207	Resistor	366-20652	
R209	5K6 J 0207	Resistor	366-28964	
R466	470R J 0617 3,00W	Resistor	367-20648	

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R468	470R J 0617 3,00W	Resistor	367-20648	
R475	4R7 K 0207 WIDSI	Resistor	366-18416	055
R475	4R7 K 0207 WIDSI	Resistor	366-18416	065
R475	4R7 K 0207 WIDSI	Resistor	366-18416	066
R475	4R7 K 0207 WIDSI	Resistor	366-18416	076
R475	4R7 K 0207 WIDSI	Resistor	366-18416	080
R475	4R7 K 0207 WIDSI	Resistor	366-18416	081
R475	4R7 K 0207 WIDSI	Resistor	366-18416	082
R475	4R7 K 0207 WIDSI	Resistor	366-18416	083
R475	4R7 K 0207 WIDSI	Resistor	366-18416	084
R475	4R7 K 0207 WIDSI	Resistor	366-18416	086
R475	4R7 K 0207 WIDSI	Resistor	366-18416	090
R475	4R7 K 0207 WIDSI	Resistor	366-18416	091
R475	4R7 K 0207 WIDSI	Resistor	366-18416	093
R475	4R7 K 0207 WIDSI	Resistor	366-18416	094
R475	4R7 K 0207 WIDSI	Resistor	366-18416	095
R475	4R7 K 0207 WIDSI	Resistor	366-18416	096
R475	4R7 K 0207 WIDSI	Resistor	366-18416	097
R475	4R7 K 0207 WIDSI	Resistor	366-18416	098
R475	4R7 K 0207 WIDSI	Resistor	366-18416	099
R477	10K F 0204	Resistor	367-20347	
R479	220R J 0207	Resistor	366-15679	
R485	4R7 K 0207 WIDSI	Resistor	366-18416	055
R485	4R7 K 0207 WIDSI	Resistor	366-18416	065
R485	4R7 K 0207 WIDSI	Resistor	366-18416	066
R485	4R7 K 0207 WIDSI	Resistor	366-18416	076
R485	4R7 K 0207 WIDSI	Resistor	366-18416	080
R485	4R7 K 0207 WIDSI	Resistor	366-18416	081
R485	4R7 K 0207 WIDSI	Resistor	366-18416	082
R485	4R7 K 0207 WIDSI	Resistor	366-18416	083
R485	4R7 K 0207 WIDSI	Resistor	366-18416	084
R485	4R7 K 0207 WIDSI	Resistor	366-18416	086
R485	4R7 K 0207 WIDSI	Resistor	366-18416	090
R485	4R7 K 0207 WIDSI	Resistor	366-18416	091
R485	4R7 K 0207 WIDSI	Resistor	366-18416	093
R485	4R7 K 0207 WIDSI	Resistor	366-18416	094
R485	4R7 K 0207 WIDSI	Resistor	366-18416	095
R485	4R7 K 0207 WIDSI	Resistor	366-18416	096

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R485	4R7 K 0207 WIDSI	Resistor	366-18416	097
R485	4R7 K 0207 WIDSI	Resistor	366-18416	098
R485	4R7 K 0207 WIDSI	Resistor	366-18416	099
R489	220R J 0207	Resistor	366-15679	
R491	3R3 K 0207 0,33W WIDSI	Resistor	366-11790	
R516	22R J 0207	Resistor	366-20655	
R517	22R J 0207	Resistor	366-20655	
R518	10R J 0207	Resistor	366-77101	
R521	3R3 K 0207 0,33W WIDSI	Resistor	366-11790	
R524	4K7 J 0207	Resistor	366-40343	
R525	4K7 J 0207	Resistor	366-40343	
R527	4K7 J 0207	Resistor	366-40343	
R528	4K7 J 0207	Resistor	366-40343	
R529	4K7 J 0207	Resistor	366-40343	
R530	4K7 J 0207	Resistor	366-40343	
R531	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	
R532	1R2 K 4W	Resistor	368-11871	081
R532	0R68 K 4,00W	Resistor	368-21294	055
R532	0R68 J 4,00W	Resistor	368-21294	065
R532	0R68 J 4,00W	Resistor	368-21294	066
R532	0R68 K 4,00W	Resistor	368-21294	076
R532	0R68 K 4,00W	Resistor	368-21294	080
R532	0R68 J 4,00W	Resistor	368-21294	082
R532	0R68 J 4,00W	Resistor	368-21294	083
R532	0R68 K 4,00W	Resistor	368-21294	084
R532	0R68 K 4,00W	Resistor	368-21294	086
R532	0R68 K 4,00W	Resistor	368-21294	087
R532	0R68 J 4,00W	Resistor	368-21294	090
R532	0R68 J 4,00W	Resistor	368-21294	091
R532	0R68 J 4,00W	Resistor	368-21294	093
R532	0R68 K 4,00W	Resistor	368-21294	094
R532	0R68 J 4,00W	Resistor	368-21294	095
R532	0R68 J 4,00W	Resistor	368-21294	096
R532	0R68 J 4,00W	Resistor	368-21294	097
R532	0R68 J 4,00W	Resistor	368-21294	098
R532	0R68 J 4,00W	Resistor	368-21294	099
R533	12R F 0207	Resistor	367-21330	
R534	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R535	100K J 0207	Resistor	366-16330	
R536	10K F 0204	Resistor	367-20347	
R537	10K F 0204	Resistor	367-20347	
R538	100K J 0207	Resistor	366-16330	
R539	100K J 0207	Resistor	366-16330	
R540	47R J 0411 0,75W WIDSI	Resistor	368-28118	
R541	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	
R542	1K8 G 0204	Resistor	367-20334	
R543	1K5 J 0414 1W	Resistor	367-20657	
R544	2K2 K 0W5 0411	Resistor	367-29791	055
R544	2K2 K 0W5 0411	Resistor	367-29791	076
R544	2K2 K 0W5 0411	Resistor	367-29791	080
R544	2K2 K 0W5 0411	Resistor	367-29791	086
R544	2K2 K 0W5 0411	Resistor	367-29791	087
R544	2K2 K 0W5 0411	Resistor	367-29791	090
R544	2K2 K 0W5 0411	Resistor	367-29791	091
R544	2K2 K 0W5 0411	Resistor	367-29791	093
R544	2K2 K 0W5 0411	Resistor	367-29791	095
R544	2K2 K 0W5 0411	Resistor	367-29791	096
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	055
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	065
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	066
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	076
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	080
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	082
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	083
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	084
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	086
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	087
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	090
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	091
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	093
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	094
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	095
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	096
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	097
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	098
R545	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	099

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	WIDERSTÄNDE	**RESISTORS**		
R546	220R J 0207	Resistor	366-15679	
R547	3R3 J 0207 0,50W WIDSI	Resistor	366-27701	
R549	150K G 0207	Resistor	367-10898	
R551	150K G 0207	Resistor	367-10898	
R553	220R J 0207	Resistor	366-15679	
R555	1K2 F 0204	Resistor	367-17324	
R557	1R0 J 0207 0,5W WIDSI	Resistor	366-28909	
R558	1R0 J 0207 0,5W WIDSI	Resistor	366-28909	
R559	33R K 0207 0,33W WIDSI	Resistor	367-29174.010	065
R559	33R K 0207 0,33W WIDSI	Resistor	367-29174.010	080
R559	33R K 0207 0,33W WIDSI	Resistor	367-29174.010	086
R559	33R K 0207 0,33W WIDSI	Resistor	367-29174.010	090
R560	10K F 0204	Resistor	367-20347	
R561	3K9 F 0204	Resistor	367-20341	
R563	470R J 0207	Resistor	366-20661	
R565	39K F 0204	Resistor	367-28894	
R566	82K G 0207	Resistor	367-10885	
R567	470R J 0207	Resistor	366-20661	055
R567	470R J 0207	Resistor	366-20661	065
R567	470R J 0207	Resistor	366-20661	066
R567	470R J 0207	Resistor	366-20661	076
R567	470R J 0207	Resistor	366-20661	080
R567	470R J 0207	Resistor	366-20661	082
R567	470R J 0207	Resistor	366-20661	083
R567	470R J 0207	Resistor	366-20661	084
R567	470R J 0207	Resistor	366-20661	086
R567	470R J 0207	Resistor	366-20661	087
R567	470R J 0207	Resistor	366-20661	090
R567	470R J 0207	Resistor	366-20661	094
R567	470R J 0207	Resistor	366-20661	097
R567	470R J 0207	Resistor	366-20661	098
R567	470R J 0207	Resistor	366-20661	099
R569	470R J 0207	Resistor	366-20661	
R570	15K G 0204	Resistor	367-14985	
R571	5K6 G 0204	Resistor	367-20343	
R572	5K6 G 0204	Resistor	367-20343	
R573	4K7 J 0207	Resistor	366-40343	
R574	0R82 K 4,00W	Resistor	368-11091	055

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R574	0R82 J 4,00W	Resistor	368-11091	091
R574	0R56 J 4W0	Resistor	368-11093	076
R574	0R56 J 4W0	Resistor	368-11093	087
R574	0R56 J 4W0	Resistor	368-11093	090
R574	0R56 K 0414	Resistor	368-21086	065
R574	0R56 K 0414	Resistor	368-21086	066
R574	0R56 K 0414	Resistor	368-21086	082
R574	0R56 K 0414	Resistor	368-21086	083
R574	0R56 K 0414	Resistor	368-21086	084
R574	0R56 K 0414	Resistor	368-21086	094
R574	0R56 K 0414	Resistor	368-21086	097
R574	0R56 K 0414	Resistor	368-21086	098
R574	0R56 K 0414	Resistor	368-21086	099
R574	0R68 K 4,00W	Resistor	368-21294	080
R574	0R68 K 4,00W	Resistor	368-21294	086
R574	1R J 2,00W	Resistor	368-22719	081
R574	1R J 2,00W	Resistor	368-22719	093
R574	1R J 2,00W	Resistor	368-22719	095
R574	1R J 2,00W	Resistor	368-22719	096
R578	82K G 0207	Resistor	367-10885	
R579	39K F 0204	Resistor	367-28894	
R581	10K F 0204	Resistor	367-20347	
R582	10K F 0204	Resistor	367-20347	
R583	220K F 0207	Resistor	367-28413	
R587	4K7 F 0204	Resistor	367-20346	
R588	10K F 0204	Resistor	367-20347	
R589	10K F 0204	Resistor	367-20347	
R590	10R J 0207	Resistor	366-77101	
R591	1R J 0207	Resistor	366-20649	
R592	1R J 0207	Resistor	366-20649	
R593	10R J 0207	Resistor	366-77101	
R594	1R K 0207 WIDSI	Resistor	366-12276	
R596	100K J 0207	Resistor	366-16330	
R598	100K J 0207	Resistor	366-16330	
R613	1R5 K 7,00W	Resistor	368-24602	
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	066
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	082
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	083

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	084
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	091
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	093
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	094
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	095
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	096
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	097
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	098
R619	DUO-PTC-Wid. 18R	PTC Resistor	372-16662	099
R619	DUO-PTC-Wid. 9R	PTC Resistor	372-28729	055
R619	DUO-PTC-Wid. 9R	PTC Resistor	372-28729	065
R619	DUO-PTC-Wid. 9R	PTC Resistor	372-28729	076
R619	DUO-PTC-Wid. 9R	PTC Resistor	372-28729	080
R619	DUO-PTC-Wid. 9R	PTC Resistor	372-28729	086
R619	DUO-PTC-Wid. 9R	PTC Resistor	372-28729	087
R619	DUO-PTC-Wid. 9R	PTC Resistor	372-28729	090
R619	DUO-PTC-Wid. 30R	PTC Resistor	372-73056	081
R621	56K J 0414 1,00W	Resistor	367-22396	
R622	820K J 0207	Resistor	366-16437	
R623	4K7 F 0204	Resistor	367-20346	
R625	680K J 0207	Resistor	367-27264	
R626	22R J 0207	Resistor	366-20655	
R627	10K F 0204	Resistor	367-20347	
R629	22R J 0207	Resistor	366-20655	
R634	680K J 0207	Resistor	367-27264	
R639	10M J 0414	Resistor	367-19664	
R651	18K G 0207	Resistor	367-11559	
R652	1R K 0207 WIDSI	Resistor	366-12276	
R653	100R J 0207	Resistor	366-73257	
R654	100R J 0207	Resistor	366-73257	
R657	4K7 F 0204	Resistor	367-20346	
R658	4K7 F 0204	Resistor	367-20346	
R659	15K G 0204	Resistor	367-14985	065
R659	22K G 0204	Resistor	367-20331	055
R659	22K G 0204	Resistor	367-20331	066
R659	22K G 0204	Resistor	367-20331	076
R659	22K G 0204	Resistor	367-20331	080
R659	22K G 0204	Resistor	367-20331	081

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	WIDERSTÄNDE	**RESISTORS**		
R659	22K G 0204	Resistor	367-20331	082
R659	22K G 0204	Resistor	367-20331	083
R659	22K G 0204	Resistor	367-20331	084
R659	22K G 0204	Resistor	367-20331	086
R659	22K G 0204	Resistor	367-20331	087
R659	22K G 0204	Resistor	367-20331	090
R659	22K G 0204	Resistor	367-20331	091
R659	22K G 0204	Resistor	367-20331	093
R659	22K G 0204	Resistor	367-20331	094
R659	22K G 0204	Resistor	367-20331	095
R659	22K G 0204	Resistor	367-20331	096
R659	22K G 0204	Resistor	367-20331	097
R659	22K G 0204	Resistor	367-20331	098
R659	22K G 0204	Resistor	367-20331	099
R660	4K7 F 0204	Resistor	367-20346	
R661	4K7 F 0204	Resistor	367-20346	
R662	4K7 F 0204	Resistor	367-20346	
R663	220K F 0207	Resistor	367-28413	

20 Var.: 055, 065-066, 076, 080-084, 086-087, 090-091, 093-099

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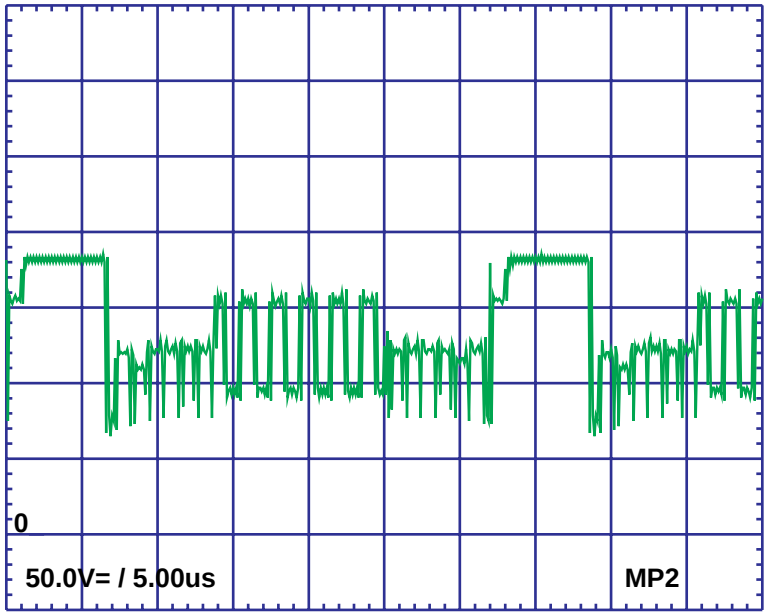
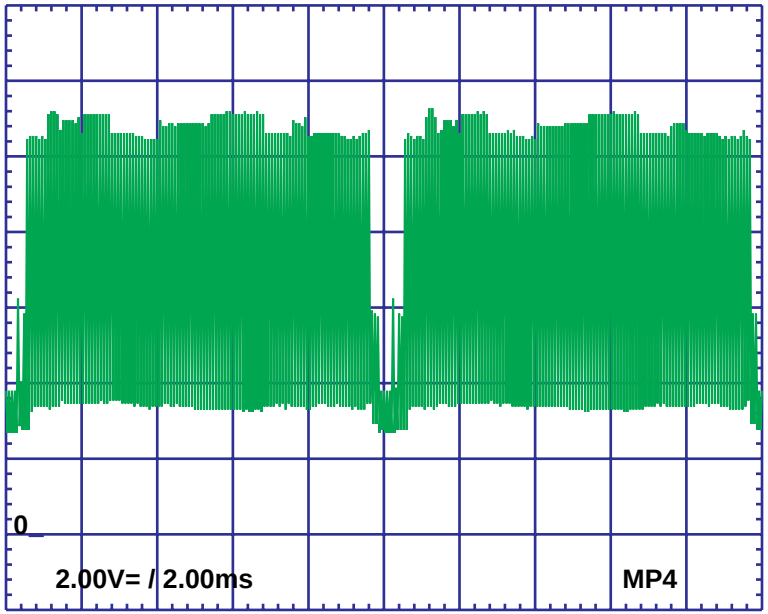
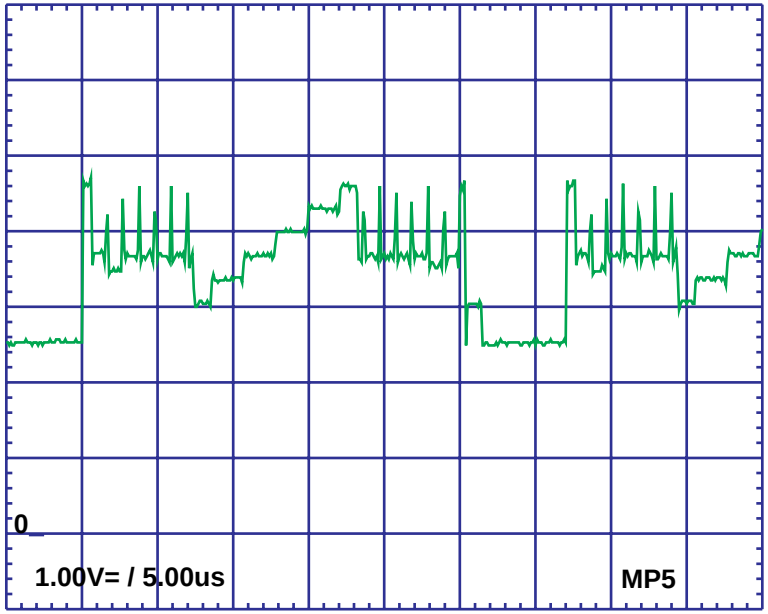
	WIDERSTÄNDE	**RESISTORS**		
R665	56K J 0414 1,00W	Resistor	367-22396	
R666	18K F 0204	Resistor	367-18527	
R668	4K7 F 0204	Resistor	367-20346	
R677	10K F 0204	Resistor	367-20347	
R678	10K F 0204	Resistor	367-20347	
R679	100K J 0207	Resistor	366-16330	
R681	3R3 J 0207	Resistor	366-77754	055
R682	33R J 0207	Resistor	366-22944	055
R683	470R J 0207	Resistor	366-20661	055
R684	6K8 J 0207	Resistor	366-20652	055
R685	68R J 3,00W RM20	Resistor	367-22942	055
R686	0R1 K 0207 WIDSI	Resistor	366-10905Y09	
R687	0R1 K 0207 WIDSI	Resistor	366-10905Y09	
R688	1R J 0207	Resistor	366-20649	
R689	1R J 0207	Resistor	366-20649	
R690	1R K 0207 WIDSI	Resistor	366-12276	
R691	100R J 0207	Resistor	366-73257	
R692	100R J 0207	Resistor	366-73257	
R693	220R J 0207	Resistor	366-15679	


0
50.0V= / 5.00us
MP2


0
2.00V= / 2.00ms
MP4


0
1.00V= / 5.00us
MP5

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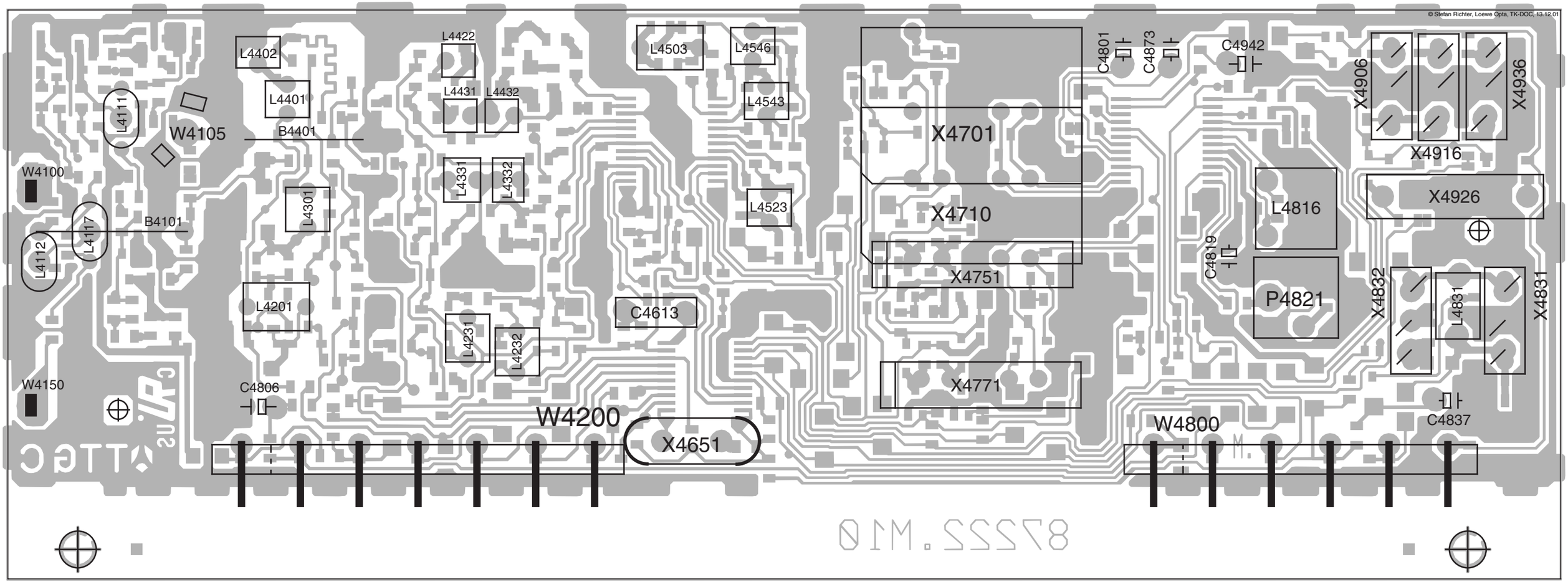

Ltpl. Tuner/ZF 87222M
Bestückungsseite

Tuner/IF P.C.B 87222M
Components side

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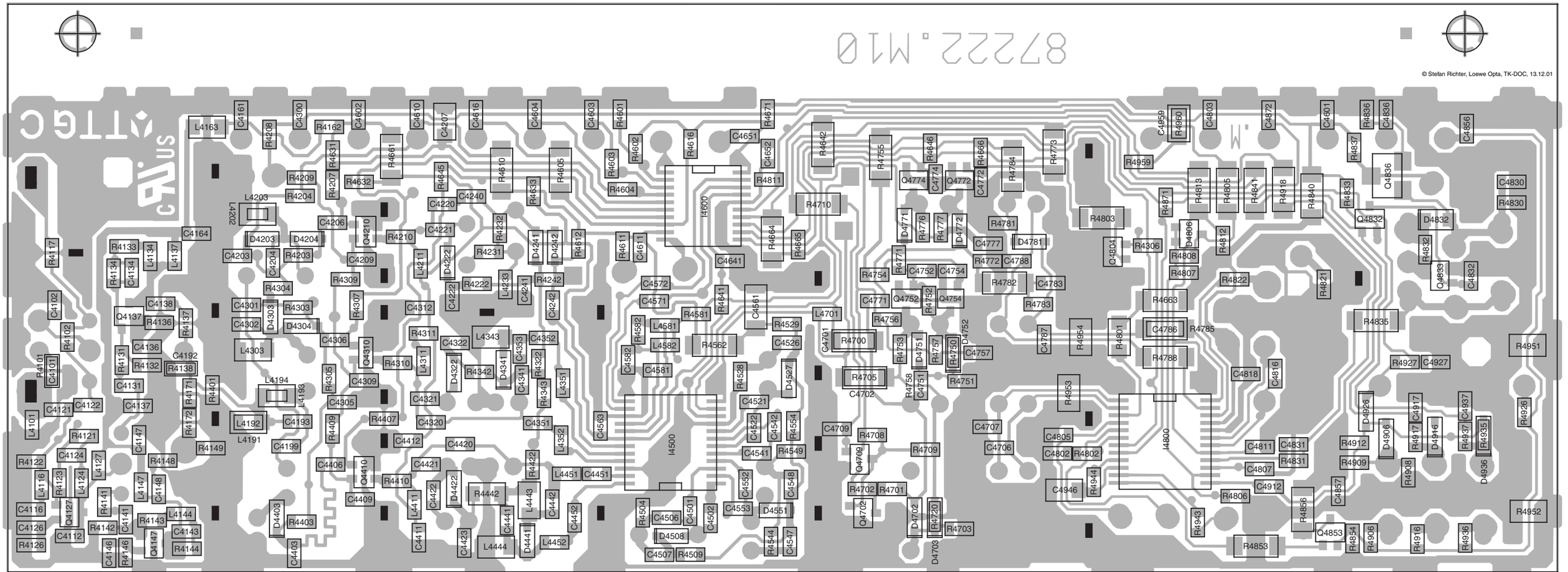
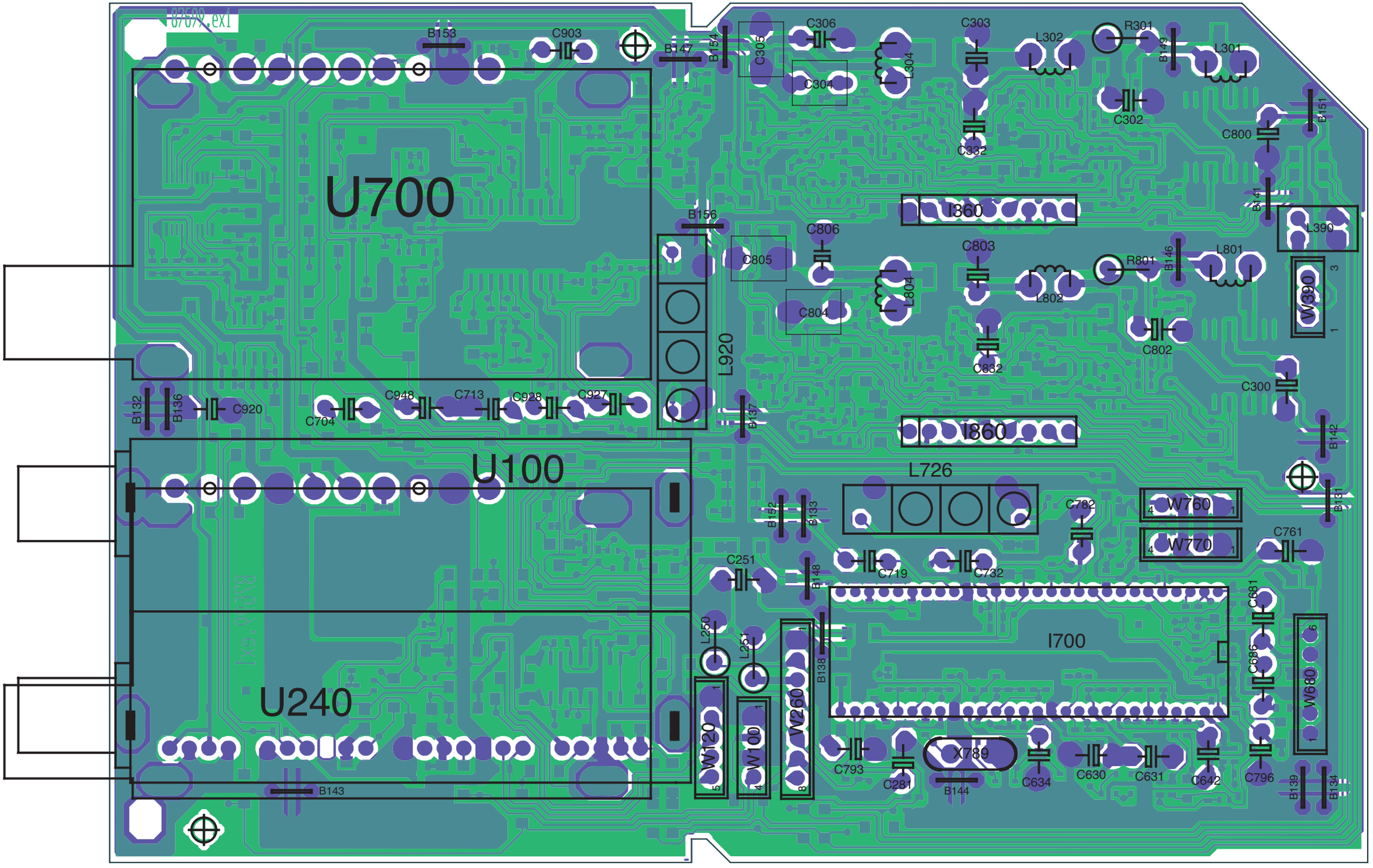


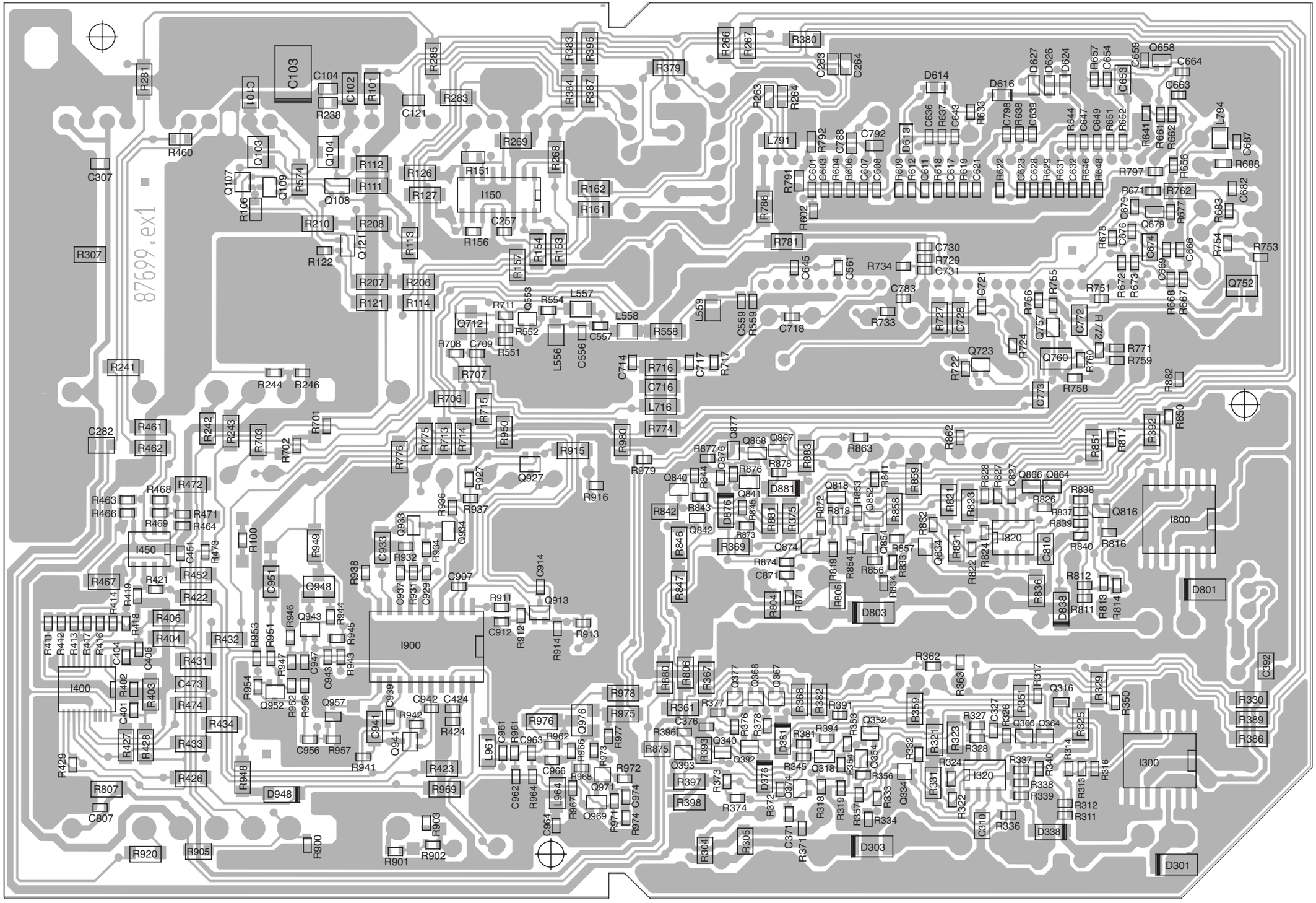
Ltpl. Tuner/ZF 87222M
Lötseite

Tuner/IF P.C.B 87222M
Solder Side



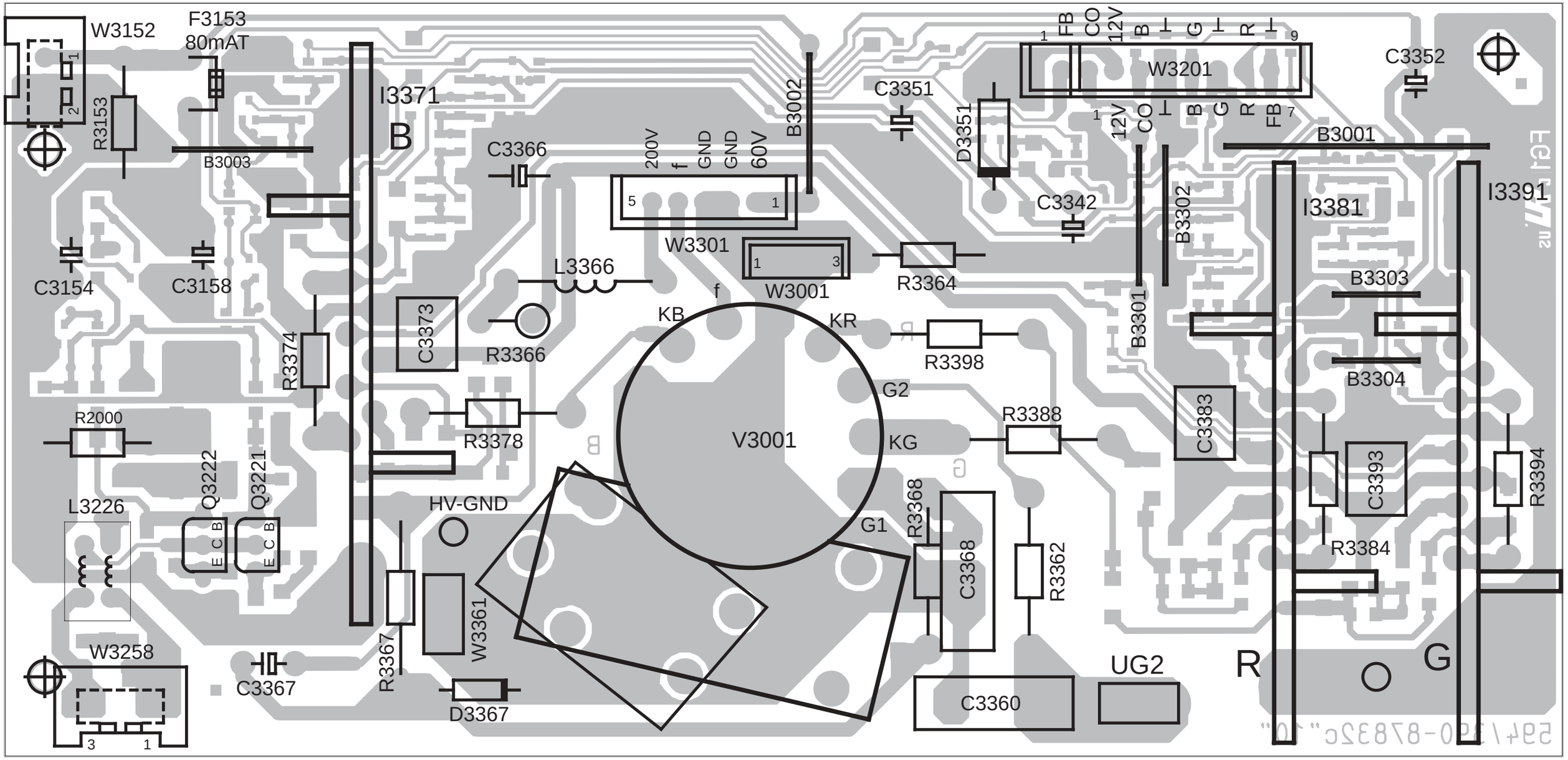
Leiterplatte SAT 6 87699E (Bestückungsseite)

SAT 6 P.C.B 87699E (Components side)



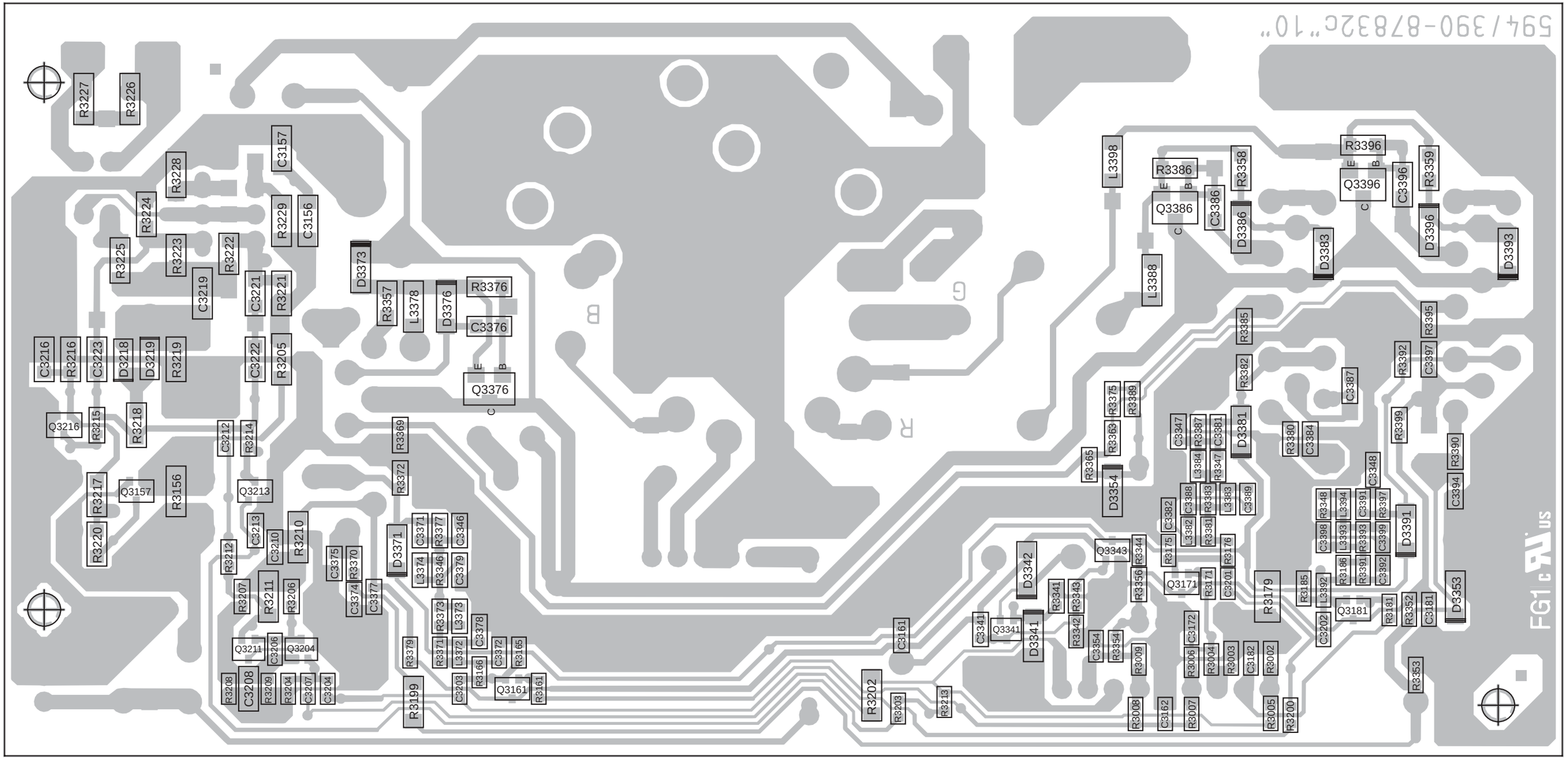
Leiterplatte SAT 6 87699E (Lötseite)

SAT 6 P.C.B 87699E (Solder side)



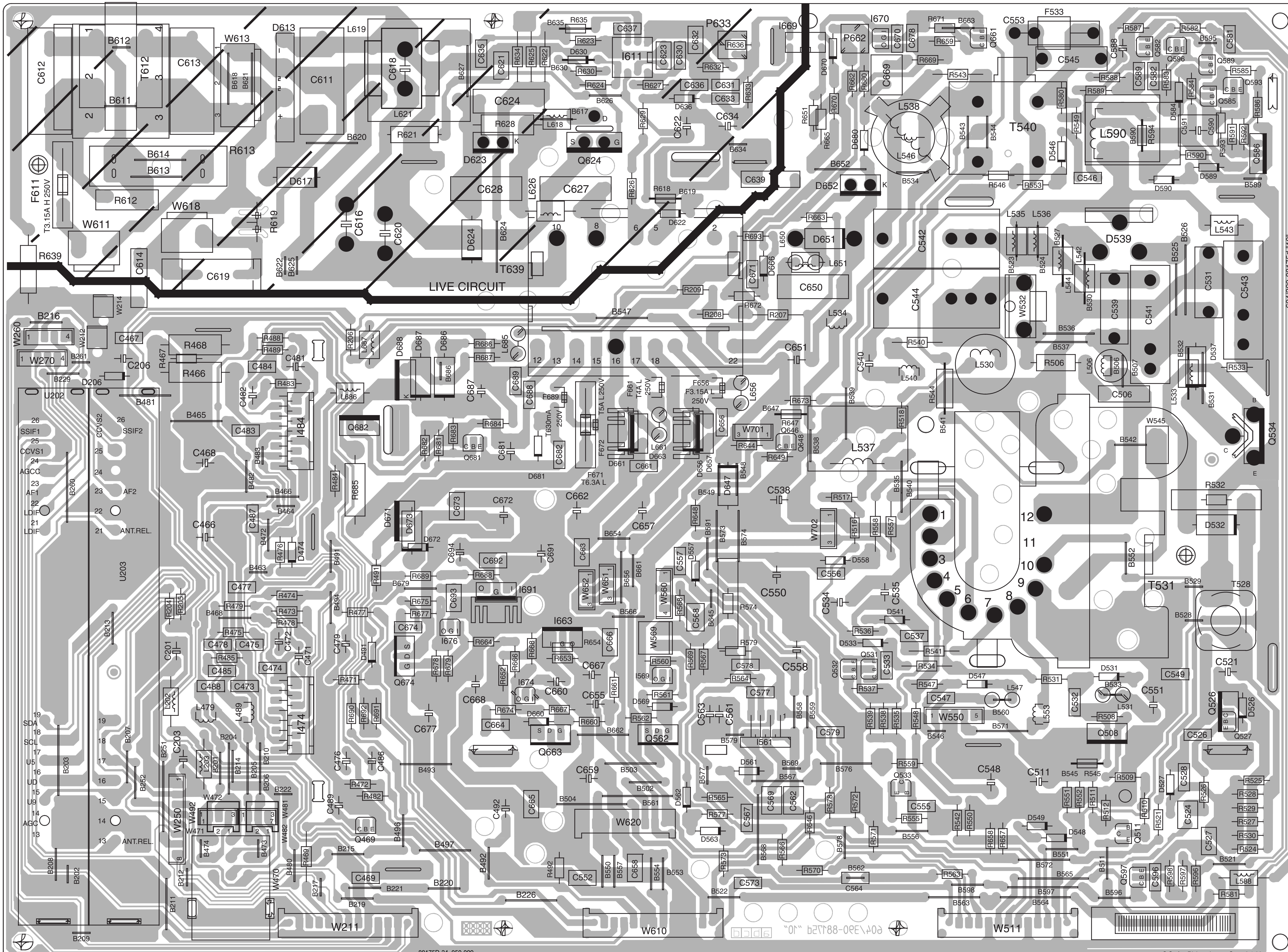
Ltpl. Bildrohrplatte 87832C
Bestückungsseite

CRT P.C.B 87832C
Components side



Ltpl. Bildrohrplatte 87832C
Lötseite

CRT P.C.B 87832C
Solder side



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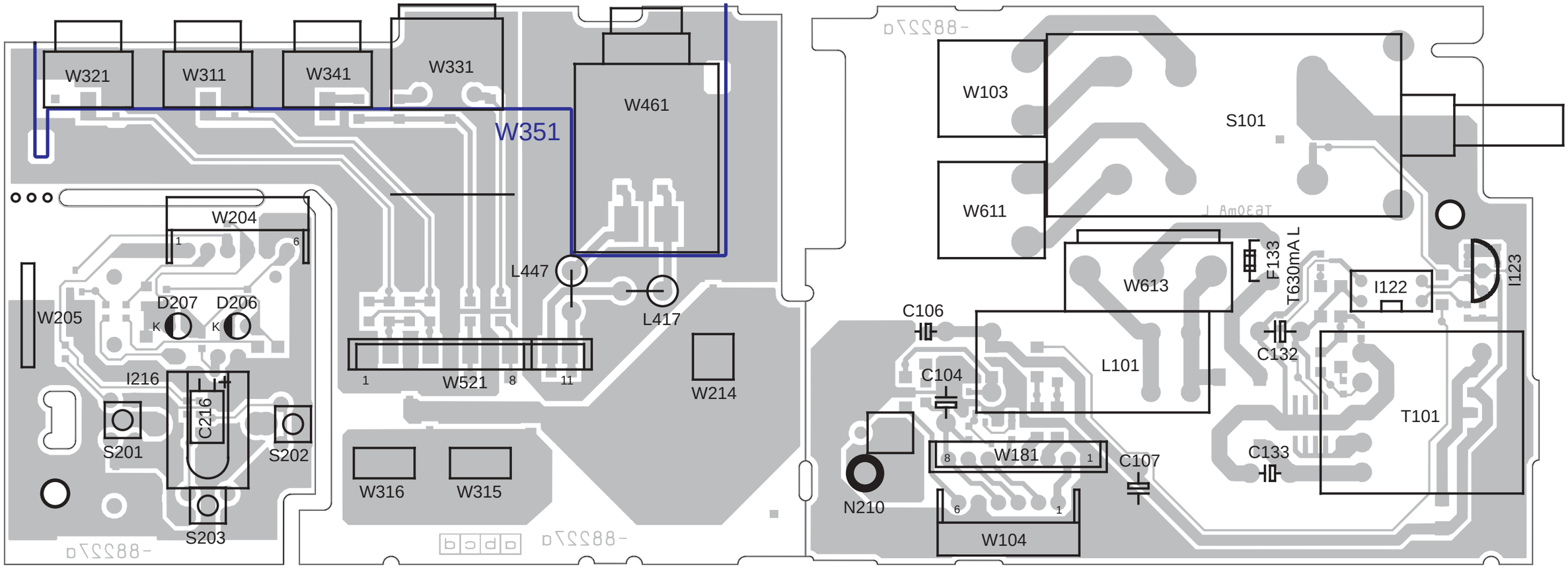
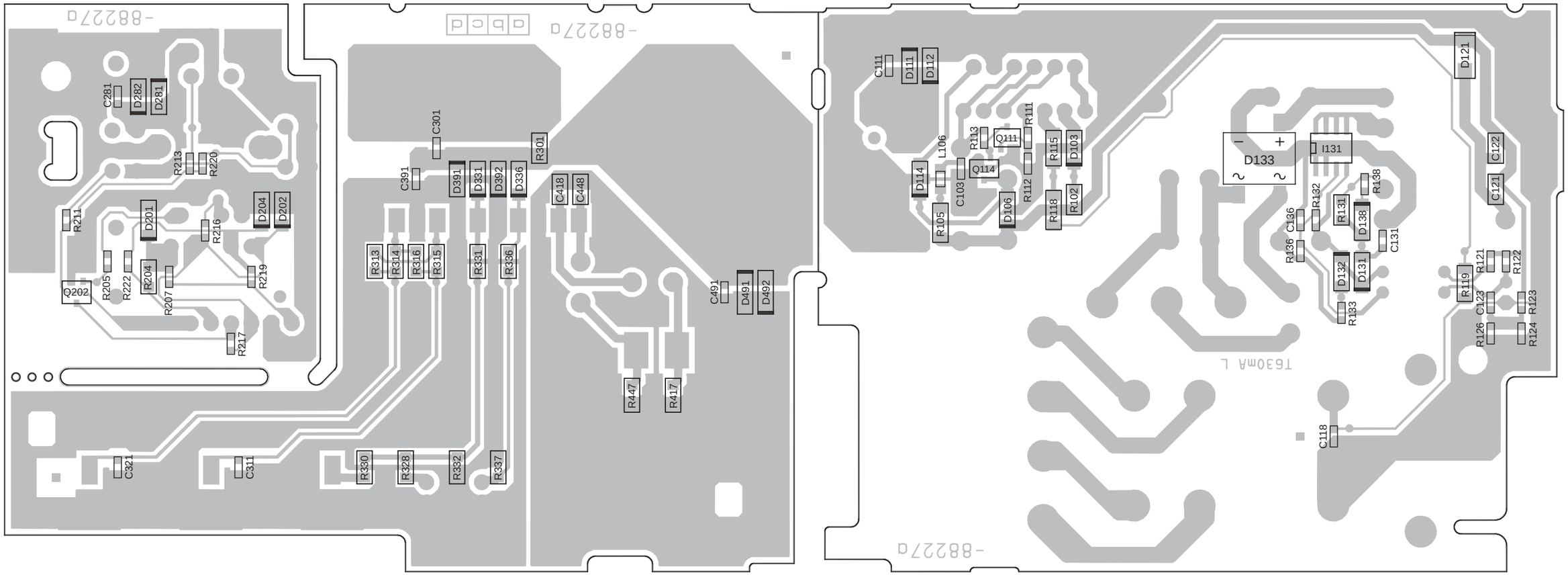
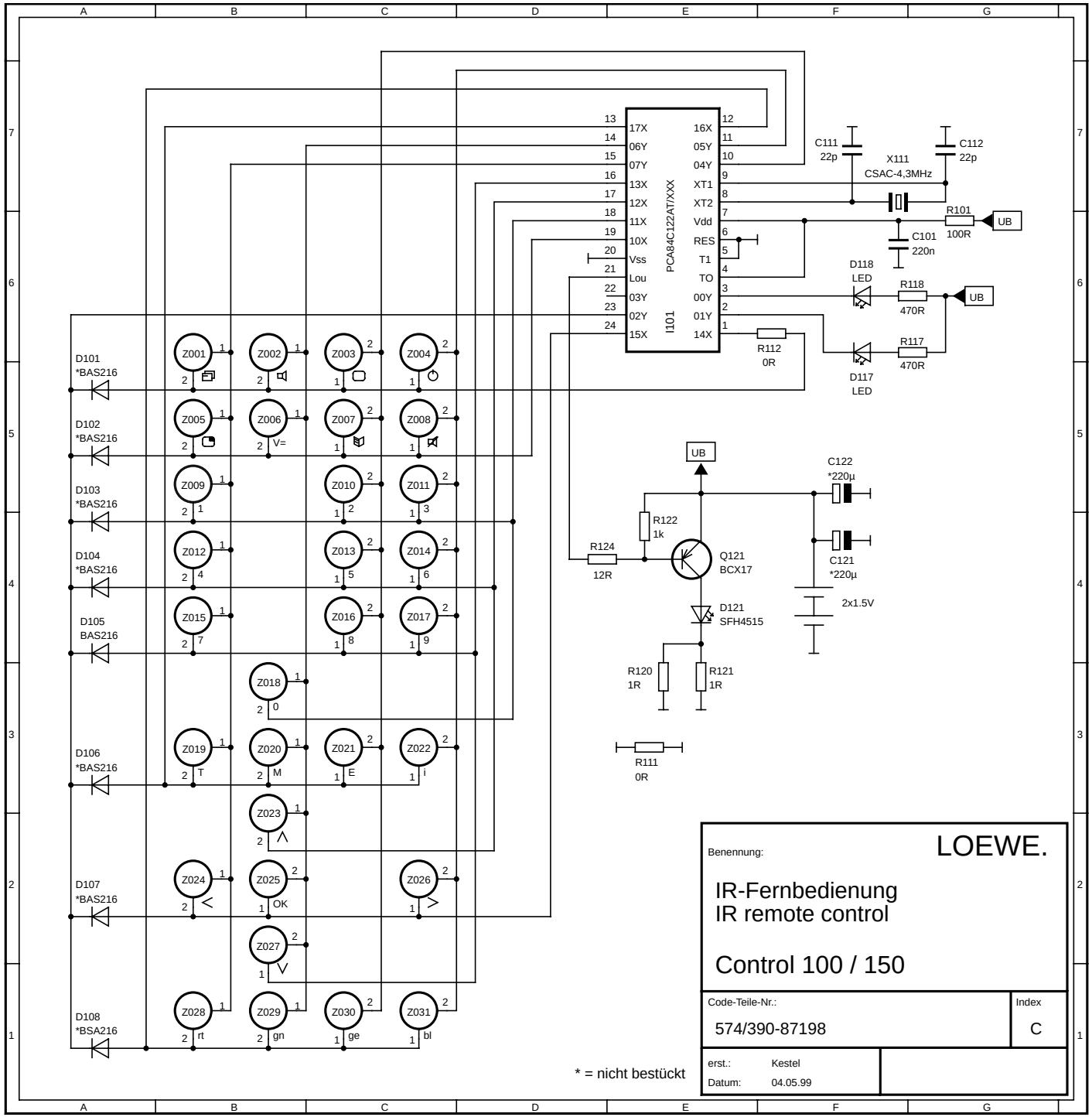


Ltpl. Bedienteil 88227A
Bestückungsseite
Control Unit P.C.B 88227A
Components side



Ltpl. Bedienteil 88227A
Lötseite
Control Unit P.C.B 88227A
Solder side



Schaltplan IR-Fernbedienung 396-87000.050

Infrared remote control schematic 396-87000.050